1995 ANNUAL REPORT

THE NEW YORK HOSPITAL
CORNELL MEDICAL CENTER

2 Leadership Report

6 Breakthroughs in Biochemistry

14 Capital Campaign

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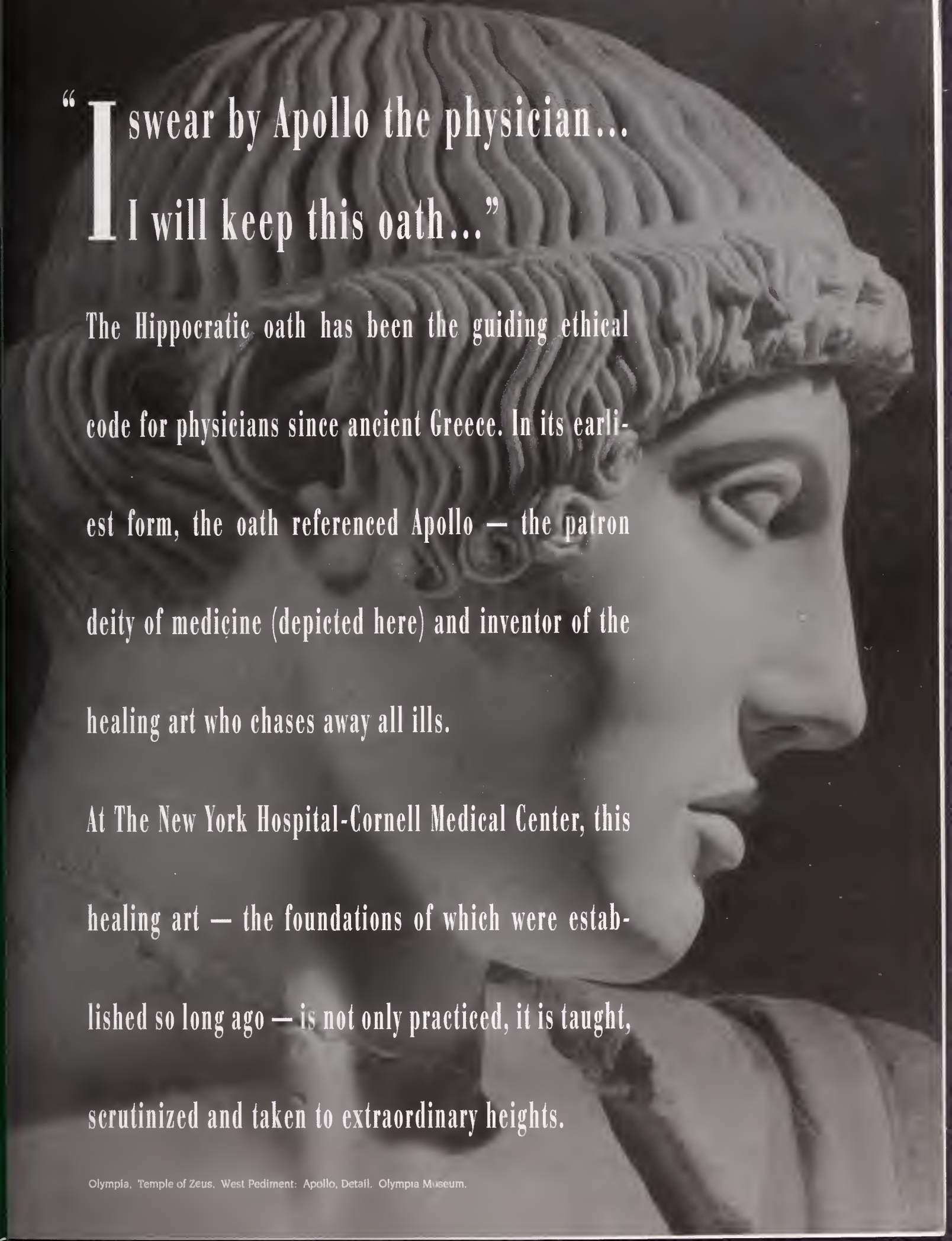
COVER: AT NEW YORK-CORNELL, DR. H. DIRK SOSTMAN, CHAIRMAN OF RADIOLOGY, IS PLANNING THE MOST ADVANCED MAGNETIC RESONANCE IMAGING TECHNOLOGY AVAILABLE IN THE WORLD. BUT AT THIS MOMENT HE AND MRI TECHNOLOGIST KIM IAROCCI ARE MORE CONCERNED WITH REASSURING THREE-YEAR-OLD GREGORY BEDNARSH, A VETERAN OF THREE MRI EXAMS.



"I swear by Apollo the physician... I will keep this oath..."

The Hippocratic oath has been the guiding ethical code for physicians since ancient Greece. In its earliest form, the oath referenced Apollo — the patron deity of medicine (depicted here) and inventor of the healing art who chases away all ills.

At The New York Hospital-Cornell Medical Center, this healing art — the foundations of which were established so long ago — is not only practiced, it is taught, scrutinized and taken to extraordinary heights.

Olympia, Temple of Zeus. West Pediment: Apollo, Detail. Olympia Museum.

CHAIRMEN'S REPORT

New York-Cornell's leadership position in the health-care industry continued in 1995 with several creative and ambitious strategies designed to ensure a thriving future for the Medical Center.

There are many people responsible for this anticipated growth and security. Among them are New York Hospital's president, Dr. David B. Skinner, whose industry acumen and foresight led to his selection as a 1995 Crain's New York Business "All-Star"; Dr. Robert Michels, dean of Cornell University Medical College, who spearheaded a new direction for the Medical College; and Frank H.T. Rhodes, who provided exceptional support to the medical campus during his recently concluded 18-year tenure as president of Cornell University. He will continue to share his expertise with us as a new member of the CUMC board of overseers.

SANFORD I. WEILL AND JOHN F. MCGILLICUDDY

In his tenure as dean, Dr. Robert Michels has ensured the continued excellence of CUMC. We wish him well as he pursues new endeavors.

We are pleased that Hunter R. Rawlings III, former president of the University of Iowa, was selected to succeed Mr. Rhodes at the helm of Cornell. A superb leader, Mr. Rawlings is well versed in the changing environment of academic medicine.

NYH Governor David H. Koch and CUMC Overseer Hamish Maxwell assumed leadership for the *New Horizons for Medicine* capital campaign, which by year's end had realized $389 million toward its $600-million goal. New York Hospital and The NYH Care Network cultivated several new relationships, including an innovative alliance with the University of Medicine and Dentistry of New Jersey.

Louis R. Gary joined the NYH board of governors; Roger Weiss and Dr. Carl F. Nathan were elected CUMC overseers. NYH Governor John Merow took over as chairman of the Network, and Margaret Osmer-McQuade assumed leadership of the Medical Center Advisory Board.

These individuals represent a host of people — our board members, physicians, managers, employees, volunteers, and donors — who take ideas of excellence and make them reality.

John F. McGillicuddy
Chairman
Board of Governors
The Society of the
New York Hospital

Sanford I. Weill
Chairman
Board of Overseers
Cornell University
Medical College

DEAN'S AND PRESIDENT'S REPORT

We are immensely proud of New York-Cornell's accomplishments during 1995 — a year in which budget goals were met, important affiliations were solidified, and modernization programs surged forward. These accomplishments help to ensure our ability to provide the best possible care to patients, pursue groundbreaking research, and prepare new physicians and scientists to carry on our work in the years ahead.

Robert Glick

Dr. Robert Michels and Dr. David B. Skinner

Our new initiatives and seasoned accomplishments were made possible by an extraordinary group of board members, staff, and friends.

As the health-care industry swiftly moves from a fee-for-service model to one that is managed-care-driven, both the Hospital and the Medical College are compelled to pursue strategies unlike any ever undertaken before. These include the ongoing development of The NYH Care Network — which now serves one out of eight New Yorkers — as a provider of choice for high-quality, competitively priced managed-care services. The Network, the only corporately linked health-care system in the city, recently welcomed University Group Medical Associates of Brooklyn as its first physician professional corporation member, and Preferred Health Network, a four-hospital network based in Brooklyn and Queens. NYH Health Plan, Inc., which is responsible for marketing managed-care products for Network members, was pleased to announce an agreement with New York Life/Sanus of Greater New York to provide Medicare and Medicaid products, and with Empire Blue Cross on their Prestige product for Merrill Lynch.

To maintain quality care while bringing costs under control through more efficient clinical and business practices, the Hospital launched an institution-wide reengineering process in which every employee and department will participate. Of particular interest is the restructuring of clinical care by disease groups rather than by traditional departments.

The Medical College is enjoying a position of strength thanks to a balanced budget in 1995, endowments at an all-time high, and a firm commitment to a strategy for achieving its academic mission. In response to

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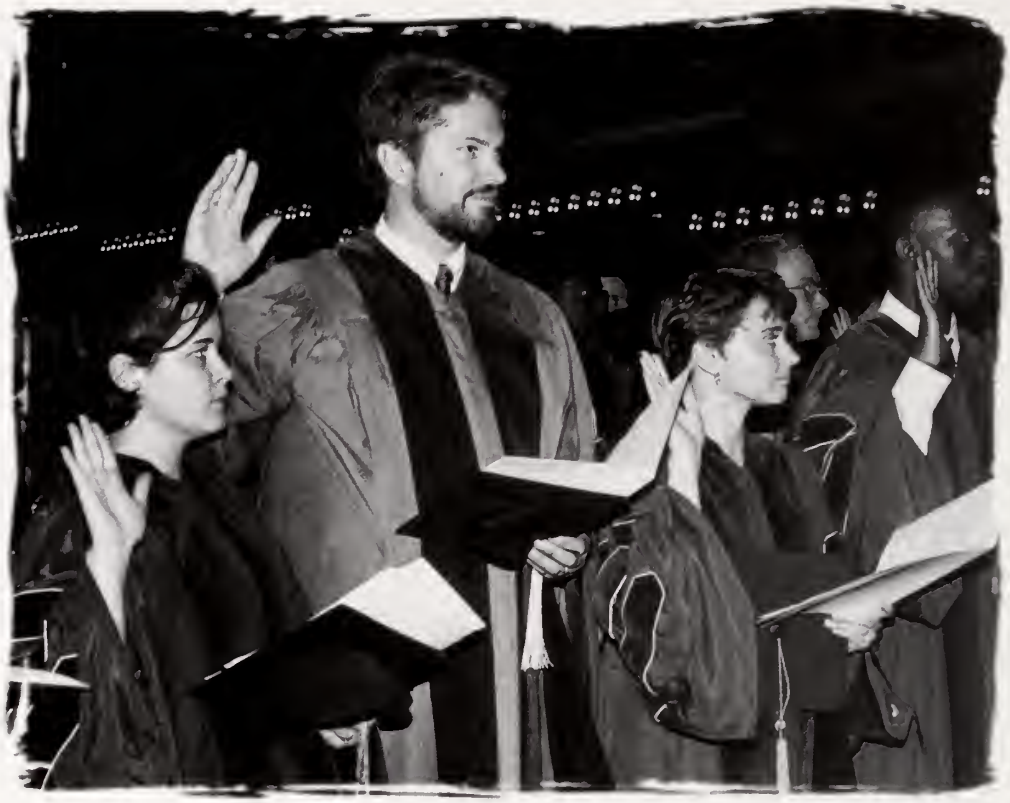


DEAN'S AND PRESIDENT'S REPORT

continued

managed care, CUMC has formed a new physicians organization to explore exciting, new concepts in organizational structure and income distribution.

There were 106 medical students taking the Oath of Hippocrates at the Medical College's 1995 commencement ceremonies; 101 new medical students entered CUMC's Class of 1999. Beginning this year, these students will benefit from a major change in the curriculum and a new academic environment made possible by the opening of the Joan and Sanford I. Weill Education Center.

Once again, U.S. *News & World Report* ranked CUMC in the top 10 of the country's research-oriented medical schools. Maintaining excellence is the goal of Dr. Carl F. Nathan, who was named senior associate dean for research in September 1995 and becomes CUMC's acting dean in July 1996.

CUMC's research environment, which continues to attract strong national support, is a tremendous resource for Cornell's Graduate School of Medical Sciences. The Graduate School welcomed 37 new Ph.D. students to the medical campus in 1995.

With a flourishing health-care network firmly established, a cost-conscious adaptation plan well under way, the opening of new college facilities within reach, and the opening of the new Hospital just one year away, New York-Cornell is well positioned to move into the 21st century.

Robert Michels, M.D.
The Stephen and Suzanne Weiss Dean
Cornell University Medical College

David B. Skinner, M.D.
President and CEO
The New York Hospital

DISCOVERIES IN DERMATOLOGY

When most people think of dermatology, what generally comes to mind are moles, acne, or unsightly wrinkles. While they are legitimate concerns, these usually minor blemishes eclipse how important changes in the skin can be in providing clues to the diagnosis of serious illness throughout the body.

DERMATOLOGY RESIDENT DORIS J. DAY OBSERVES DR. RICHARD D. GRANSTEIN AS HE EXAMINES A PATIENT.

"Disease is often the result of environmental forces — diet, climate, and occupation..."
— Hippocrates

"Instead of thinking of the skin as something you can't see through, think of it as a window into the body," says Dr. Richard D. Granstein, newly appointed chairman of the department of dermatology at Cornell University Medical College and dermatologist-in-chief at The New York Hospital.

A noted researcher and former Harvard faculty member, Dr. Granstein is intrigued with the biology of the skin and its implications systemically. He envisions the department as a center of excellence in dermatologic care and scientific inquiry, drawing on his own expertise in immunodermatology — how the skin and the immune system interact, and photoimmunology — the effects of ultraviolet radiation and light on immune function.

"Many disorders occur, in part, because of exposure to light which alters immune status," says Dr. Granstein. He and his colleagues at other laboratories have demonstrated that ultraviolet radiation inhibits immune function within the skin locally, and, at very high doses, can inhibit the immune system systemically. "We think that this is important in the development of skin cancer. For instance, humans whose immune systems are suppressed because of medical treatment, such as organ transplantation, are at tremendously greater risk of developing skin cancer. This is the most direct evidence that skin cancers, in some sense, are under immunologic control in people. The mechanisms by which this occurs are a subject of great interest and investigation."

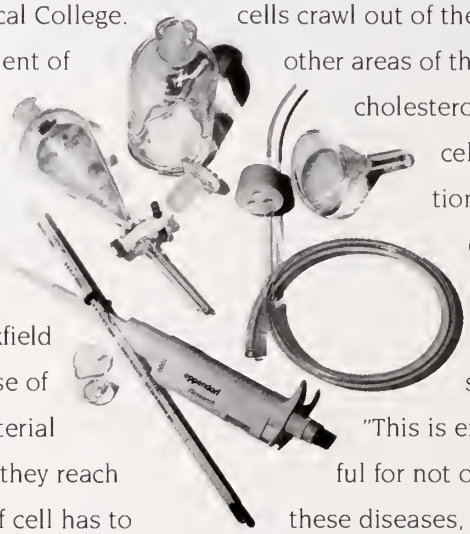
Dr. Granstein will also be putting his stamp on the teaching program — broadening it for both residents and medical students. "It is estimated that 15 to 20 percent of encounters between patients and general physicians involve some disorder of the skin," says Dr. Granstein. "I want the medical students to become aware of how important dermatology is to general medical practice."

BREAKTHROUGHS IN BIOCHEMISTRY

"...full discovery will be made if the inquirer be competent, and conduct his researches with knowledge of the discoveries already made..."
— 430 B.C.

It's like a game of Pac Man...a green fluorescent creature darting back and forth on the screen devouring anything in its path. But instead of taking place in a video arcade, this competition is occurring on a slide under the watchful eye of structural biologist Dr. Frederick R. Maxfield, the new chairman of the department of biochemistry at Cornell University Medical College. He's viewing the movement of cells, and he's using extremely sophisticated digital imaging technology to analyze the action.

Dr. Frederick R. Maxfield with colleague Dr. Suresh S. Tate.



In particular, Dr. Maxfield is looking at the response of white blood cells to bacterial infections, to learn how they reach infections. "Every kind of cell has to 'crawl' to get where it's going, but you'd rather that some cells didn't crawl," says Dr. Maxfield.

As a structural biologist, Dr. Maxfield is interested in visualizing the full architecture of cells and molecules — the building blocks of our bodies. Recently developed technology offering three-dimensional views is making his job easier and very exciting, promising to further the understanding of diseases such as cancer, heart disease, and immune system disorders. "By viewing images of living cells performing their functions, we can look at the way cancer cells crawl out of the tumor site to other areas of the body, or the way cholesterol is delivered to cells, or the interactions of certain types of brain cells with plaque that forms in Alzheimer's," says Dr. Maxfield. "This is enormously powerful for not only understanding these diseases, but for designing drugs that can treat them."

New laboratories for the department will make collaborations possible between experts in the biology or the pathology of the disease and those whose technological talents speak to the molecular and atomic levels.

"There are now techniques that let us look at the structures of DNA and proteins, which carry out all the biochemical functions," says Dr. Maxfield. "This will help researchers in all departments to be more productive."

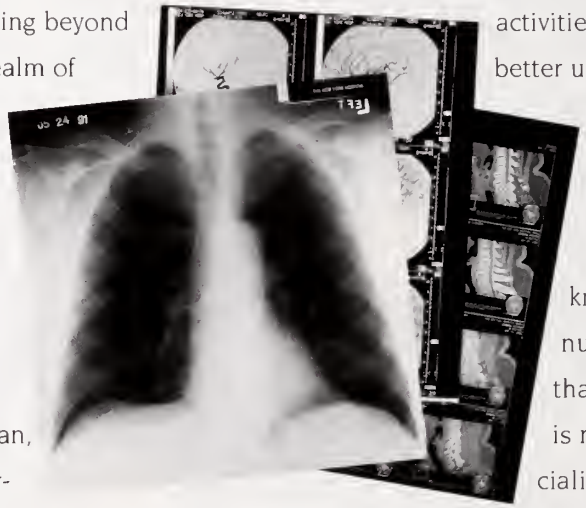
LIGHTS, CAMERA, ACTION...AN INVERTED FLUORESCENCE VIDEO MICROSCOPE ENABLES DR. FREDERICK R. MAXFIELD TO OBSERVE CELLS IN ACTION. BY USING FLUORESCENT DYES AND SHINING CERTAIN KINDS OF LIGHT ON THE CELLS WHILE THEY ARE ALIVE, YOU ARE ABLE TO SEE THE PROCESSES THAT MAKE THEM TICK — BOTH IN GOOD WAYS AND BAD.

A RENAISSANCE IN RADIOLOGY

Seeing is believing...and thanks to three-dimensional images made possible by developments in magnetic resonance imaging (MRI) over the past decade, radiologists and physicians have access to diagnostic details that are revolutionizing medicine. The recent introduction of interventional MRI is now moving this technology from the diagnostic arena to the treatment domain. And functional MRI is moving beyond anatomy to the realm of brain function.

TECHNOLOGIST KIM IAROCCI AND DR. H. DIRK SOSTMAN SPEND SOME TIME WITH YOUNG PATIENT GREGORY BEDNARSH.

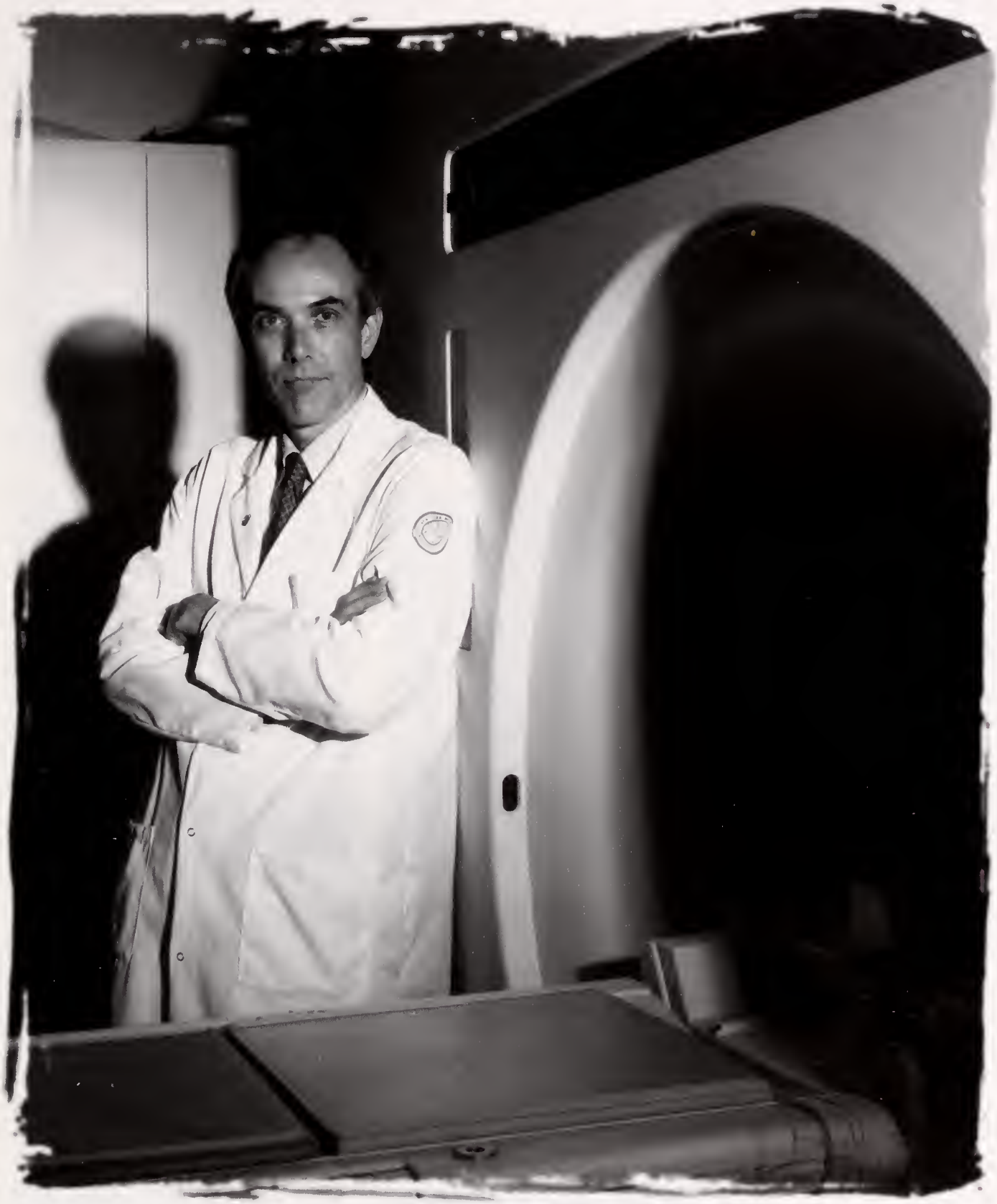
"The interventional MRI makes possible new, minimally invasive surgical treatments," says Dr. H. Dirk Sostman, who became chairman of New York-Cornell's department of radiology in 1995. "Up to now one of the problems with minimally invasive techniques has been limited visualization. The interventional MRI combines through-the-scope viewing, as in endoscopy, with three-dimensional imaging so procedures can be done much more precisely."



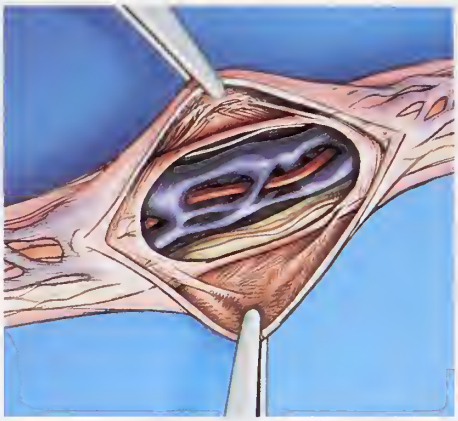
Can MRI also tell what you are thinking? Not yet, but that is where functional MRI may be headed. A high-field-strength MRI to be acquired by New York-Cornell detects changes in areas of the brain that relate to mental activities, enabling a better understanding of the brain's organization and function.

"We've known for a number of years that the brain is regionally specialized," says Dr. Sostman. "What we have come to appreciate more and more is that multiple regions of the brain are richly interconnected. I can take an image of me tapping my finger on the table or another image of me doing a complex motion that imitates playing the piano and different parts of the brain will light up. If you want to isolate particular brain functions, imaging is really the ideal approach."

"Disease should be studied by meticulous observation and cases should be carefully recorded and studied to establish a prognosis..."
— Hippocrates



UNDER THE LEADERSHIP OF DR. H. DIRK SOSTMAN, NEW YORK-CORNELL'S MRI COMPLEMENTARY FUNCTIONAL AND INTERVENTIONAL CAPABILITIES WILL BE UNMATCHED VIRTUALLY ANYWHERE IN THE WORLD — FUNCTIONAL MRI CAN MAP OUT WHERE A PROBLEM IS; TREATMENT CAN BE DONE ON THE INTERVENTIONAL MRI.



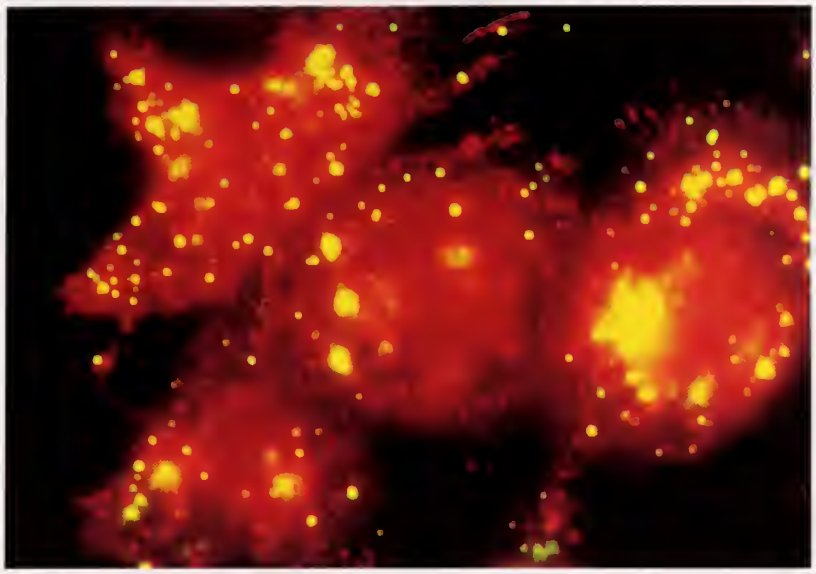
Men who don't produce sperm can find hope for fatherhood with the help of microsurgical varicocele repair advanced by Dr. Marc Goldstein, director of New York-Cornell's Center for Male Reproductive Medicine and Microsurgery. A varicocele is a varicose-vein condition of the scrotum which impairs sperm production and motility. Repairing the varicocele, shown here wrapped around the spermatic cord, induces sperm production.

SCIENCE ROUNDUP

Hippocrates was not only the best-known physician of his time, but also the most profound investigator and acute observer.

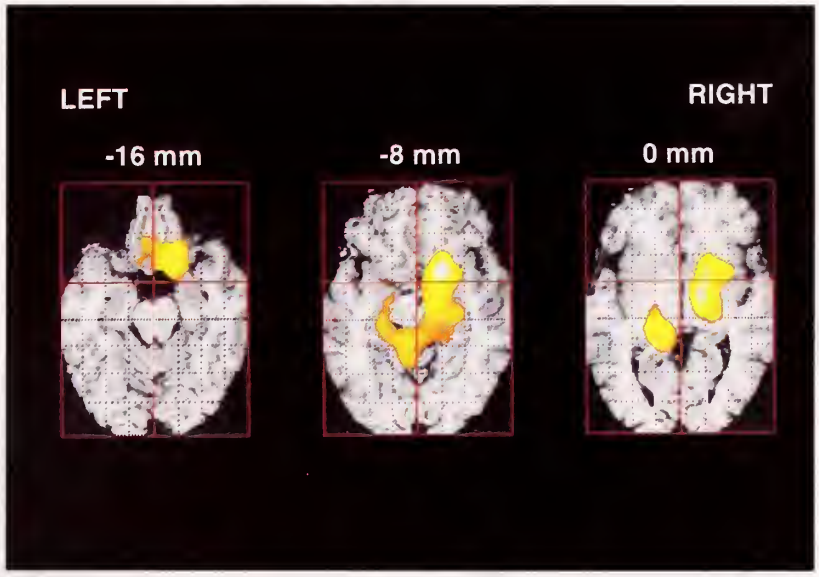
Drs. Daniel Knowles and Ethel Cesarman are hot on the trail of a new herpesvirus that may be causally linked to AIDS-related cancers. Having previously discovered unique herpes-like DNA fragments in AIDS patients with Kaposi's sarcoma, Drs. Knowles and Cesarman have recently established three cell lines containing this herpesvirus. Only this time, the cell lines were derived from AIDS patients with an atypical form of malignant lymphoma called primary effusion lymphoma. Ongoing research will help to determine the exact role of this herpesvirus in the development of AIDS-related cancers.

Open-heart surgery without blood transfusions? That's right. By combining the use of newly developed drugs, recycling blood shed during surgery, and new approaches to the use of the heart-lung machine — cardiothoracic surgeons at New York-Cornell have achieved dramatic success in performing major open-heart operations without blood transfusions. They recently performed their 100th consecutive procedure. The cardiac bloodless surgery program, developed by Drs. Karl Krieger and Todd Rosengart, is the only recognized one of its kind in the tri-state metropolitan area



Heart disease research is getting a boost from the structural biologists. Exposing cells that line the blood vessels to two kinds of cholesterol-carrying lipoproteins, Dr. Frederick R. Maxfield and his colleagues found that cholesterol from one kind (shown here in red) dispersed rapidly and left the cells without causing harm. Cholesterol from the other (yellow) remained in the cell, eventually clogging the arteries. Using computer-controlled night vision cameras and powerful microscopes to see these lipoproteins in living cells, they seek to learn how to direct all the cholesterol to the pathway that is harmless.

The mysteries of schizophrenia have begun to reveal themselves to Dr. David Silbersweig, a psychiatrist and neurologist, and Dr. Emily Stern, a radiologist, who co-direct Cornell's Functional Neuroimaging Laboratory. Drs. Silbersweig and Stern, in a significant breakthrough for the study of psychotic disorders, have developed an advanced PET (positron emission tomography) imaging technique that permits them to identify and capture images (shown here in yellow) of the regions of the brain involved in hallucinations — while the patients are experiencing them.



Gene therapy is about to be tested on colorectal cancer that has metastasized to the liver. Currently, chemotherapy and surgery are the primary therapies available. In an interdepartmental collaboration, Dr. Ronald Crystal of medicine; Dr. John Daly of surgery; Dr. Elias Kazam of radiology; and their colleagues are calling on the gene therapy techniques pioneered by Dr. Crystal in the treatment of cystic fibrosis. By using the common cold virus to deliver a foreign gene into the cancer cells within the liver, they seek to reduce cancerous tumors and limit tumor growth.

EDUCATION

"First you learn to think like a scientist," says Sharon Eubanks, a third-year student in Cornell University's Graduate School of Medical Sciences (GSMS), describing her early days in the school's Ph.D. program. Now she is in the midst of her own research project in protein chemistry. GSMS has approximately 235 students working toward Ph.D. degrees in seven disciplinary and two interdisciplinary programs. Many of these students receive support through major training grants, including six from the National Institutes of Health.

SHARON EUBANKS (RIGHT) WITH MENTOR DR. ESTHER M. BRESLOW.

The Graduate School also offers an M.S. degree in clinical epidemiology and health services research — the first of its kind in the state.

"Our students fuel our research enterprise by their vitality, enthusiasm, and innovative projects," says GSMS dean Dr. Donald A. Fischman.

"Most of our students are publishing about three papers on their thesis research in excellent journals," says Dean Fischman.

DR. LORRAINE J. GUDAS (TOP RIGHT), SUPERVISES GRADUATE STUDENTS IN THE AREA OF CANCER PHARMACOLOGY WITH THE SUPPORT OF A TRAINING GRANT FROM THE NATIONAL CANCER INSTITUTE.

MAJOR MODERNIZATION

Seems like only yesterday that the platform for the new New York Hospital arrived...yet, in just about a year, the Medical Center will begin moving into its brand new quarters — way ahead of schedule and well under budget.

The building, which follows the geometry of the river and takes up two acres per floor, is now encased with The New York Hospital's signature white brick. Windows are in place — many of which will afford patients magnificent views from their rooms of the East River and 59th Street Bridge. Patient rooms that are not on the perimeter of the building will overlook the expansive space of an impressive inner atrium that stands five stories tall.

This past April, a state-of-the-art electrical vault capable of providing service to a small town of 4,000 homes was installed. Computers will replace paper for maintaining patient medical information, with physicians able to access the information from within the hospital or off-site.

Meanwhile, back at the Medical College, faculty and students alike are excited about the 1996 grand opening of the new Weill Education Center. Equipped with teaching laboratories, an auditorium, and a commons area, the Education Center serves as the centerpiece of CUMC's modernization program.

The fourth New York Hospital, with 850,000 square feet of space, is set to open in the summer of 1997.

Bernstein Associates

Bernstein Associates

Ardian Gill/Local Color

CAPITAL CAMPAIGN

It has been more than two years since the Medical Center announced a $600-million capital campaign called *New Horizons for Medicine*. By the end of 1995, a total of $389 million had been raised, including $145 million toward Hospital priorities and $40 million toward Medical College priorities.

Among the campaign's 1995 highlights were several named gifts in the new hospital pavilion, ranging from medical/surgical units to patient lounges; a major gift toward the purchase of an interventional magnetic resonance imaging machine; support for the Gene Therapy Core Facility; the establishment of the Lewis Thomas University Professorship and the Nanette Laitman Distinguished Professorship of Public Health, bringing the total number of endowed professorships made possible by the campaign to six; and the creation of 11 new endowed scholarship funds.

The campaign began 1996 with new leadership — NYH governor David H. Koch now heads the Hospital's campaign; Cornell overseer Hamish Maxwell has assumed the corresponding duties for the Medical College and Graduate School.

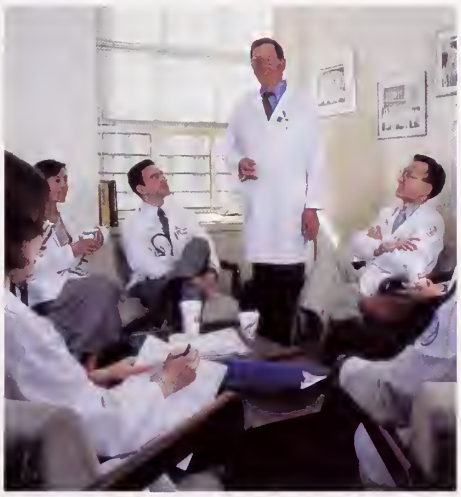
DAVID H. KOCH AND HAMISH MAXWELL, CO-CHAIRMEN OF NEW HORIZONS FOR MEDICINE.

We salute NYH governor Frank A. Bennack Jr. and CUMC chairman Sanford I. Weill, who directed the campaign's successful early stages.

FACULTY MEMBERS TOUR THE NEW INPATIENT PAVILION, LED BY LOUIS F. REUTER IV (FAR RIGHT), SENIOR VICE PRESIDENT FOR FACILITIES DEVELOPMENT AND REAL ESTATE.

Robert Glick

Students value the new teaching laboratories of the Joan and Sanford I. Weill Education Center, the primary site for Cornell University Medical College's problem-based learning curriculum.



Dr. Jerome J. DeCosse was named the Lewis Thomas University Professor in 1995. Dr. DeCosse also helped kick off the faculty campaign with co-chairs Drs. Lorraine J. Gudas and O. Wayne Isom.

A single bulb casts its beam on multiple levels of scaffolding within the new hospital's five-story inner atrium. When the metal labyrinth is removed, natural light and open space will provide patients with an environment conducive to healing and wellness.

THE NEW YORK HOSPITAL CARE NETWORK

THE NYH CARE NETWORK

During a routine examination, Chris Abate's internist at The New York Community Hospital of Brooklyn recommended that she have a mammogram. That advice and the resources of The New York Hospital Care Network saved her life. Ultimately diagnosed with breast cancer, Chris was referred to specialists at The New York Hospital for surgery. "All the expert care I needed fell easily into place because of the Network," says Chris.

CHRIS ABATE'S CARE BEGAN WITH HER PERSONAL PHYSICIAN, DR. D. RANINGA.

Irene Zeldin's daughters researched dozens of nursing homes before deciding on Silvercrest Extended Care Facility for their critically ill mother. Not only did it have a highly successful weaning program for patients who were ventilator dependent, it just felt right when they walked in the door.

"Because all of my physicians and surgeons were associated with the Network. I didn't feel like I was being cared for by strangers," says Chris Abate.

FOR THE FIRST TIME IN YEARS, IRENE ZELDIN, NO LONGER DEPENDENT ON A VENTILATOR TO BREATHE, IS ENJOYING LIFE AND MAKING NEW FRIENDS — INCLUDING HER NURSE, CLINICAL CARE COORDINATOR FELICIDAD PEREZ, R.N

★ David B. Skinner — President, New York Hospital Services

Eying the future, doc makes the bitter medicine go down

The view outside David B. Skinner's window is dismal: some scaffolding surrounding a construction site. But it is through this window that the president and chief executive of New York Hospital says he watches the future.

The future that Dr. Skinner sees is a 778-bed hospital that NYH is constructing over FDR Drive. It will be the centerpiece of a health care system he describes as efficient, low-cost and high-tech. "Top quality streamlined, more focused medicine is less expensive medicine, because it gets the answer quicker," he says.

The $851 million modernization project is just one tactic Dr. Skinner is using to hoist this vintage 1927 hospital into the 21st century. While his counterparts at other hospitals are still trying not to choke on the words managed care, Dr. Skinner has made New York Hospital a leader in the movement.

Other hospitals have engineered loose affiliations with competitors, nursing homes and clinics. But NYH has taken direct control of health care providers. Today NYH Care Network Inc. includes 10 health care facilities and soon it will sign up ... patients. And NYH is the only local hosp... start its own health...

"The word to ... Ramon Rodriguez ... Life/Banus ... network. "He ... that of a realist ... NYH today ... Skinner joined ... and its losses ... The Chicago ... institution rebuil... work more efficie...

... patients earlier. Then he tackled a task he compares to herding cats: getting a strong-willed board of directors and management team to agree on a strategy.

"We all had the same goal, but there were different views on how to get there," he recalls.

Get there they did, however. A loss of $57.3 million in 1988 became a surplus of $2 million by 1991.

Much remains to be done. "The construction, adjusting to managed care, recruiting people, adapting to external factors. All have to get done at once. I worry about us as a group keeping all the balls up in the air," says Dr. Skinner.

A renowned surgeon, he has taught surgery at Cornell University Medical College, Johns Hopkins University and the University of Chicago. He is the current chairman of the Greater New York Hospital Association and president of seven scientific and surgical societies and he serves on numerous civic and university advisory panels.

Determined to keep in touch with the world he came from, Dr. Skinner still performs some 35 major esophageal operations a year. He has other reasons for ... "To get physicians to ...

Research Dispels Myth That Brain In Adults Is Unable to Renew Itself

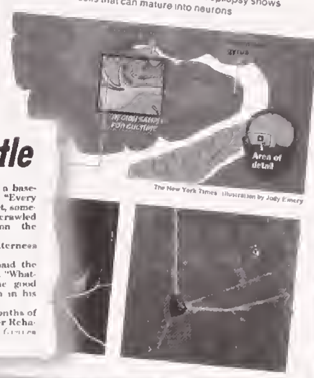
By LAWRENCE K. ALTMAN

It was a scam to make birds sing. Knowing that only male canaries can sing, some pet store owners injected a male sex hormone into the relatively worthless females. The masculinized female birds and the pet store cash registers sang. But only for a few weeks, until the hormonal effect wore off.

The scam occurred in the 1930's. Now, 60 years later, it has led to the discovery that the adult human brain has the ...

A Surprise in the Adult Human Brain

Human brain tissue removed in treating adults with epilepsy shows evidence of precursor cells that can mature into neurons



The New York Times; Illustration by Jody Emery

WINFIELD EDEY
Survivor.

Subway bomb victim wins death battle

The longest-hospitalized victim of December's subway bombing yesterday declared himself a winner in a five-month battle with death as he bid farewell to intensive care and headed off for rehabilitation.

Winfield Edey, 60, of Far Rockaway — who was in intensive care two months longer than any of the blast's 13 major burn victims — thought his life was over when a home-made bomb exploded on the Lexington Avenue IRT last Dec.

"I was with the angel of darkness," said Edey, who suffered second- and third-degree burns over 60 percent of his body.

"The burn unit at New York Hospital-Cornell Medical Center snatched me back . . . For that I'm eternally grateful."

Edey, who was at the far end of the subway car, said he never saw bombing suspect Edward Leary, but heard a woman complain of Leary's kerosene smell.

"The next thing I know — boom! I was thrown clean out of my seat,"

said Edey, who now wears a baseball cap to cover his scalp. "Every time I tried to get on my feet, someone stepped on me again. I crawled around like a weasel on the ground."

Edey said he feels no bitterness toward Leary.

"I owe him no malice," said the Barbados-born truck driver. "Whatever his reasons were, the good Lord will take care of him in his own way."

Edey will undergo two months of care at New Jersey's Kessler Rehabilitation Institute. ...

MEDIA HIGHLIGHTS

Hospital Project Towers Over Manhattan

By Lisa White

NEW YORK — The structural skeleton of the largest hospital construction project in the country now towers 11 stories above the FDR Drive on the East Side of Manhattan.

The engineering marvel sits atop a huge platform above the busy highway and will occupy 850,000 square feet when the New York Hospital-Cornell Medical Center opens it for business early in 1998.

Although the whole project won't be finished until April of the following year, the completion of the structural steel work was an occasion of celebration recently when the final piece of structural steel ... put in place.

The beam was signed by construction workers ... and the obligatory fir tree was hoisted atop the skeleton, in accordance with traditional "topping off" rites that date back thousands of years to northern Europe.

The platform that supports the huge building runs over the FDR Drive between 68th and 70th Streets and will be connected to the existing New York Hospital.

The renovation project, which is part of an overhaul that will modernize a plant built originally in 1932, will house an emergency room, in-patient operating rooms, intensive care units, labor and delivery suites, a neonatal unit, burn ...

... and general pediatric, medical-surgical and psychiatric beds.

"Today, as we build a modern hospital for the 21st century, it is good to connect our work with the pride in construction long felt by those who build," said John P. McGillicuddy, chairman of the New York Hospital's board of governors.

"This tradition of excellence is obvious in the beauty of the original New York Hospital building," he added as he watched the last steel beam into place. "We expect the New York Hospital to continue this tradition."

Added David B. Skinner, M.D., the hospital president: "This new building is vital to our mission of providing quality health care in an age of changing environments. I'd like to thank all of those who have supported us through the years and whose long, hard work has allowed us to reach this milestone."

The modernization, which will add 779 beds, was performed by a team that included construction managers Lehrer McGovern Bovis Inc., architects Hellmuth, Obata & Kassabaum, P.C. and Taylor Clark; structural engineers Thornton-Tomasetti, P.C. and mechanical engineers Syska & Hennessy.

Congresswoman Carolyn Maloney also joined construction workers, East Side community leaders and hospital board members at the topping-off ceremonies.

"I am proud to join in topping off this top-notch facility which employs so many New Yorkers and provides such superior quality health care," said the congresswoman.

THE TOP 25

MEDICAL SCHOOLS

"Care enough to learn, learn enough to care effectively." That's the philosophy that guides Harvard Medical School Dean Daniel Tosteson.

Many things have changed at Harvard Med since Tosteson graduated 46 years ago as the scientific discoveries of the past half century altered the way that physicians viewed both health and disease. "We didn't even know about the genetic code in 1949," says Tosteson.

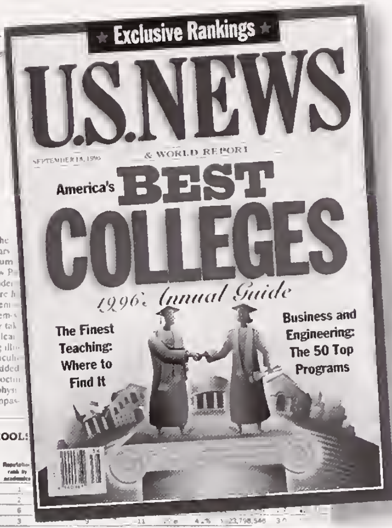
#1 HARVARD

In part because of the advance of science, Harv... redesigned its curriculum ... 1985. The school's New Pa... way program takes studen... out of lecture h... and puts them ... small problem-s... ing groups, where they tak... part in student-driven lea... exercises in diagnosing illn... es. As part of the curriculu... overhaul, the school added ... classes like "Patient/Doctor" which teaches future physi... cians effective, yet compas...

RESEARCH-ORIENTED MEDICAL SCHOOLS
WITH THE HIGHEST SCORES IN THE U.S. NEWS SURVEY

Rank/School	Overall score	Reputation rank by academics								
1. Harvard University	100.0	1								
2. Johns Hopkins University (Md.)	99.2	2								
3. Yale University	97.0	6								
4. Duke University (N.C.)	95.5	3		[illegible]		11	[illegible]	4.?%	$123,798,548	3.0
5. Washington University (Mo.)	95.1	3	8	1	18	10	11.4	4.6%	$132,056	
6. University of California at San Francisco	94.6	6	11	3	20	6	11.0	4.4%	$158,880	
7. University of Pennsylvania	93.5	6	5	13	30	5	10.7	5.6%	$160,522	
8. Columbia University (N.Y.)	93.4	10	7	15	9	7	10.7	8.6%	$154,431	
9. CORNELL UNIVERSITY (NY)	90.9	15	10	17	3	12	10.5	3.3%	$123,23…	
10. University of Michigan at Ann Arbor	90.4	10	8	11	26	18	10.7	3.9%	$88,21…	

98 — U.S.NEWS & WORLD REPORT



■ Help Can Come From Unexpected P...

Hotel Breathes Life into Hospital's Customer Service

The New York Hospital-Cornell Medical Center boasts an increasing customer-satisfaction rate. A successful partnership is teaching the hospital staff how to treat its patients like hotel guests.

By Charlene Marmer Solomon

You may never have stepped inside New York City's The Pierre hotel, but you certainly know it by reputation. The *Grand Dame* is quiet opulence. Plush lobby, imposing crystal chandeliers, handpainted ceilings that remind you of the Sistine Chapel in Rome. Its elegance and dignity create an exquisite setting. But whatever its physical beauty, the Four Seasons' Pierre is known for its customer service. Housekeepers help you before you even ask. Uniformed elevator operators offer you a smile. And the concierge may call you by name.

Not too far away, on the upper East Side, is another New York institution: the New York Hospital-Cornell Medical Center. Patients are known to pay hefty sums—nearly $2,000 for a private room—for the center's excellent health services. But if you were to view a hospital as a hotel for sick people, why couldn't the hospital's customer service become just as renown as its medical care? It can, thanks to the vision of Herbert Sloninsk..., a businessman who channeled a personal tragedy four years ago into ...

13

SPECIAL REPORT

The bloodless operation

New York-Cornell's heartening advance

By COLETTE BOUCHEZ

The New York Hospital-Cornell Medical Center is soon expected to reveal a revolutionary way to perform coronary bypass surgery — the same surgery recently required by ex-Mayor David Dinkins — without losing so much as a drop of blood.

The wonder of the new procedure — inspired by the concerns of Jehovah's Witnesses — will be reflected in hundreds of thousands of dollars in savings for hospitals and substantially less risk of blood contamination for patients.

At the same time, two other New York hospitals are also close to breakthroughs.

Doctors at Montefiore Medical Center will announce the work they have perfected on a new type of bypass graft — involving forearm arteries — that could help tens of thousands undergo bypass surgery with stronger, more lasting results.

Doctors at Columbia-Presbyterian Medical Center plan to reveal a promising new ... therapy for angi-

na — a cardiac condition resulting in crushing chest pain and/or shortness of breath.

The most attention in the medical community, however, is sure to focus on the procedure for heart bypass surgery. Nearly a half-million of these procedures were performed in the U.S. last year, including 10,000 in New York.

"Using a combination of specific medications and certain operating room techniques, we are now able to reduce the amount of blood transfusion necessary during this surgery from the usual two to four units per patient to zero," said Dr. Todd Rosengart, director of New York Cornell's Bloodless Medical/Surgical Program.

By eliminating the need for donor blood and b... ucts, we also reduce certain postoperat... and infections norm... ated with transfusi... Dr. Karl Krieger, a Cornell cardiac su... helped pioneer the ...

Equally important, experts say the bloodless bypass dr... creases time spent in intensive ... surgery — from 24 ... more to just six h... tients in clinical ... able to get back o... and out of the hosp... hours sooner than the standard oper...

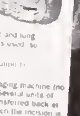
That, say doctor... into big savings ... government and ... companies. We... surgery can ... $1,600 per pati... sengart.

Ironically, the ... was instigated ... ic or even mec... but by religious ... hovah's Witness... ... whose belief ...

HEART BYPASS SURGERY THEN AND NOW

THE OLD WAY...

1. **Patient anesthetized** and connected to a heart-lung machine. Saline solution used to run the machine infused into the patient's bloodstream, causing reduction in blood volume including clotting factors by some 50%.
2. **Transfusion equipment** is made available to transfuse up to 4 units of donor blood and/or additional blood products as needed during the surgery.
3. **Surgeon begins** grafting sections of thoracic arteries and leg veins to areas of coronary damaged arteries to "bypass" those that are damaged or blocked.
4. **When the grafting is concluded**, patient is removed from the heart and lung machine, but may remain in operating room in effort to control post bypass bleeding.
5. **Eventually, patient is moved to intensive care**, where patient can remain 24 hours or longer, constantly checked for postoperative bleeding. May be taken back to the operating room in effort to stop further blood loss. Hospitalization must continue for 7 or more days.



THE NEW WAY...

Prior to surgery: Days or even weeks before, patient is given a drug that helps boost the bone marrow's ability to make red blood cells.

Day of surgery

1. **Patient anesthetized** and connected to heart and lung machine. Reduced amount of saline solution is used, so patient's clotting factors are at full capacity.
2. **Patient connected** to an intravenous drug solution to control bleeding.
3. **Patient connected** exclusively to a blood salvaging machine (no other blood collection equipment is needed). Several units of the patient's blood may be collected to be transferred back at the conclusion of the surgery. Additionally, when the incision is made, a suction device begins salvaging whatever blood is lost and begins recycling.
4. **Surgeons begin** the bypass grafting procedure.
5. **When the grafting is completed**, the chest is immediately closed with assurance that no postoperative bleeding will occur. Patient moved to intensive care for about 6 hours. Within 5 days, most can leave hospital.

Revolution in Treating Infertile Men Turns Hopelessness to Parenthood

By GINA KOLATA

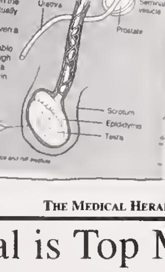
ADVANCES in treating male infertility have made it possible for virtually any man who makes even the tiniest amount of sperm to become a father. Even men who have no sperm at all or only dead sperm in their ejaculate or men whose sperm cannot swim or cannot penetrate an egg may be helped.

The most recent discovery builds ...

New method circumvents lack of sperm in the semen.

Another Route To Male Fertility

Sperm ordinarily undergo a complex maturation process as they are produced in the testes, travel to the epididymus and through the vas deferens and eventually reach the urethra for ejaculation. However even a single immature and nonmotile sperm is capable of fertilizing an egg through in vitro fertilization. Now a new technique using a thin needle can obtain sperm directly from a testicle without invasive surgery.



Source: Dr. Richard J. Sherins/Genetics and IVF Institute

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Cornell Hospital is Top Minority Recruiter

By Lisa White

NEW YORK—If you really want to lure more minority students into the medical profession, you've got to start recruiting them early.

At least, that has been the experience since 1984 of the Student National Medical Association at the Cornell University Medical College here.

Since 1984, they've invited minority students still in the tenth and eleventh grades of New York City high schools to attend a series of 10 two-hour lectures given every Friday afternoon at the college's upper east side campus.

This year, 61 of them were accepted and enrolled in a program called HPREP, an acronym that stands for Health Professions Recruitment/Exposure Program, which is specifically tailored to address the problem of underrepresented minority students in med. school.

This year, the lecture topics covered by practicing minority physicians are substance abuse, hypertension, AIDS, diabetes, psychiatric illness, and teenage pregnancy, among other subjects.

The recruitment program was launched 11 years ago by Daniel

THE YEAR IN REVIEW

"Wherever the art of medicine is loved, there also is love of humanity."
— Hippocrates

January

Cabaret '95, co-chaired by Iris and B. Gerald Cantor, grosses a record-breaking $2 million for the benefit of The New York Hospital-Cornell Medical Center. ■

February

CUMC's 10th Conference on Health Policy, dedicated to the memory of Dr. David Rogers, who served as its co-chair for many years, focuses on "Balancing the Teaching and Patient-Care Functions in Urban Academic Health Centers." ■

March

Dr. Fred Plum, neurologist-in-chief and chairman of the department of neurology and neuroscience, receives the Maurice R. Greenberg Distinguished Service Award. ■

April

The final steel beam for the hospital's new building is hoisted to the top of the structure in a traditional "topping off" ceremony. ■

May

Frank H.T. Rhodes, outgoing president, delivers an inspiring address at commencement ceremonies for Cornell students receiving M.D. and Ph.D. degrees. ■

The New York Firefighters Skin Bank at New York-Cornell celebrates the opening of the new skin bank laboratory made possible by their donations. ■

June

The American Hospital of Paris, the Medical Center's new affiliate, and New York-Cornell inaugurate their first joint program — the Cantor Lectureship. ■

July

New York-Cornell is once again cited as one of the best hospitals in the nation in the annual "Best Hospitals Survey" published by U.S. *News & World Report*. ■

August

Hunter Rawlings III, new president of Cornell University, welcomes 101 new medical students and 39 new Ph.D. students to the medical campus. ■

September

Fête de Famille, the annual benefit for New York Hospital's Center for Special Studies, celebrates its 10th anniversary. Over the past decade, the event has raised nearly $7 million for AIDS programs. ■

The Burn Center Foundation marks its 20th anniversary. ■

October

Mimi Coleman Thompson, founding co-chairman of "Visitors Day," is honored for her many years of service. The program, co-chaired by Dr. O. Wayne Isom, chairman of cardiothoracic surgery, features an update on the aging brain. ■

New York-Cornell's "Frontiers in Medicine" series kicks off with a community program entitled "What You Should Know About Breast Care." ■

The 13th annual Women's Health Symposium, featuring actress Kathleen Turner, examines "Life in the Pressure Cooker." ■

November

Cornell medical students help serve an early Thanksgiving dinner to more than 400 members of a local senior center. ■

December

The television spotlight is shared by New York-Cornell's Cardiac Health Center and former Mayor David Dinkins as he goes through his paces there. ■

DEVELOPMENT REPORT

New York-Cornell continued to attract the generosity of countless friends and contributors in 1995 who helped to raise a total of $61 million by year's end.

The year began on a high note, with Cabaret '95 grossing a record-breaking $2 million. A whirlwind schedule of special events and programs followed, including the 10th anniversary celebration of Fête de Famille, an event which provides important support for AIDS research and treatment. Supporters of The Lying-In Hospital gathered to have their fortunes told at "Tea for Two." Participants of "Visitors Day," co-chaired by Mimi Coleman Thompson and Dr. O. Wayne Isom, attended a presentation on the aging brain. And a holiday tradition continued with the annual "Light Up A Life" benefit for the Children's Emergency Medical Fund.

On August 27, Dr. Robert Michels took center court during the nationally televised Fourth Annual Arthur Ashe AIDS Tennis Challenge to accept a $1-million gift to establish the Arthur Ashe Endowment for the Defeat of AIDS.

The *New Horizons for Medicine* capital campaign also made great strides in 1995. NYH Governor David H. Koch and CUMC Overseer Hamish Maxwell now co-chair the Campaign Committee.

DR. ROBERT MICHELS ON CENTER COURT; A LINCOLN CENTER SETTING FOR CABARET '95.

Friends of New York-Cornell helped us to work steadily toward our goals for the New Horizons for Medicine capital campaign.

The vision, counsel, and unwavering support of the Medical Center's volunteer leadership and many contributors will enable us to continue to set the standards of excellence in patient care, medical education, and research well into the future.

Sue B. Dorn

Sue B. Dorn
Vice President and Vice Provost for Development

FACTS & FINANCIALS 1995

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Important Telephone Numbers ..... Inside Back Cover

In Greek mythology, Asclepios (depicted here) was the son of Apollo and the god of healing. His sons, Machaon and Podalirios, became patron gods of surgeons and physicians. His daughters, Hygeia and Panacea, became goddesses of health and remedies.

Epidaurus. Marble votive relief to Asclepios
National Museum, Athens.

Services to Patients

Laboratory	3,465,571
Blood Bank	381,439
Radioisotopes Services	10,885
X-ray Procedures	143,045
Operations	22,868
Deliveries	4,475
Electrocardiograms	62,099
Electroencephalograms	4,319
Social Services Interviews	438,624
Therapy Treatments (Physical, Occupational, Recreational)	268,249
Transfusions	22,651
Pharmacy Prescriptions	4,056,005
Record Room - New Case Records	58,268
Average Number of Full-Time Employees	6,222

STATISTICAL SUMMARY

Distribution of Beds

Private	
Baker-Medicine	77
Baker-Surgery	41
Obstetrics and Gynecology	29
Pediatrics	5
Total Private	152
Semi-Private	
Medical/Surgical	442
Two-Bed Baker-Medicine	61
Two-Bed Baker-Surgery	33
Urology	26
Obstetrics and Gynecology	59
Pediatrics	107
Total Semi-Private	728
Sub-Total Manhattan Division	**880**
Newborn Bassinets	44
Payne Whitney Clinic	108
Total Manhattan Division	**1,032**
The Westchester Division	322
Grand Total	**1,354**

Patient Care

Patients Admitted Manhattan Division (including neonatal admissions)	31,229
Newborn	4,254
Payne Whitney Psychiatric Clinic	1,044
The Westchester Division	2,805
Total	**39,332**
Patient Days, All Divisions (including newborn)	364,201
Visits to Day Hospital	27,308
Visits to Outpatient Clinics	268,027
Visits to Emergency Pavilion	50,963

Educational Program 1995-1996

Medical Students	407
Graduate Students	217
M.D.-Ph.D. Students (medical and graduate enrollments)	82
Degrees Conferred (1995–96 academic year)	134
M.D.	89
Ph.D.	42
M.S.	3
Faculty (including all affiliates — 1995–96 academic year)	3,653
Full-Time	1,574
Part-Time	107
Voluntary	1,601
Other (adjunct, visiting, emeritus, etc.)	371
Clinical Fellows	128
House Staff (NYH-CMC only)	551
Health-Related Students:	
Dental Hygienists	3
Dietetic Interns	24
Emergency Medical Technicians	31
Medical Social Workers	30
Physician Assistants	44
Samuel J. Wood Library/C.V. Starr Biomedical Information Center (1995–96 academic year)	
Visits	479,796
Journals (titles)	1,584
Total Volumes	164,357
New Books Received	1,885

Profile of Entering Medical Students

September 1995
(101 *enrolled out of applicant pool of* 7,428)

Men	51
Women	50
Minorities	24
New York State Residents	41
College Majors	Science (65%); Non-Science (35%)
Mean Grade Point Average	3.54
Average Age	24.9
Age Range	20–39
Universities With Five or More Graduates Admitted	
Cornell	22
Harvard	8
Stanford	6
University of California, Berkeley	6
Princeton	5
Students Enrolled in Tri-Institutional M.D.-Ph.D. Program	12

Research

July 1, 1994 *to June* 30, 1995

Federally Sponsored Research (including fellowship and research training) — Total Expenditures	$59,337,219
Privately Sponsored Research — Total Expenditures	$21,477,898
Research Projects Funded — New and Renewals	389

The Society of the New York Hospital

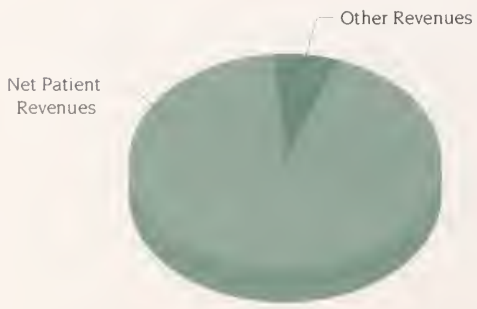
January 1 – December 31, 1995

FINANCIAL SUMMARY

Revenues	$ Millions	%
Net Patient Revenues	630.9	93.3
Other Revenues (Excluding donations)	45.4	6.7
Total	**$676.3**	**100.0%**

Expenses	$ Millions	%
Salaries and Wages	290.1	43.9
Employee Benefits	67.7	10.2
Supplies and Nonsalary Expenses	187.4	28.3
Provision for Uncollectible Accounts and Charity Write-offs	36.5	5.5
Interest	20.9	3.2
Depreciation and Amortization	59.1	8.9
Total Expenses	**$661.7**	**100.0%**
Gain from Operations	**$ 14.6**	

Revenues as a Percentage of Total Patient Care and Other Revenues



Expenses as a Percentage of Total Expenses

Cornell University Medical College

July 1, 1994 - June 30, 1995

Revenues	$ Millions	%
Tuition and Fees	11.8	3.1
Government Grants and Contracts	44.2	11.5
Private Gifts and Grants	45.2	11.8
Faculty Practice Plan	199.4	52.0
Indirect Cost Reimbursements	19.7	5.1
Reimbursement for Salaries and Services	43.3	11.3
Investment Income	12.0	3.1
Other Revenues	8.2	2.1
Total Revenues	**$383.8**	**100.0 %**

Expenses	$ Millions	%
Instruction	22.1	6.0
Research	59.7	16.1
Faculty Practice Plan	184.8	49.9
Libraries and Academic Support	5.6	1.5
Student Services and Financial Aid	13.1	3.5
Administrative Support	21.2	5.7
Plant Operations	17.1	4.6
Debt Service	4.3	1.2
Services Provided to New York Hospital	40.5	10.9
Other Expenses	2.1	0.6
Total Expenses	**$370.5**	**100.0 %**
Net Change in Fund Balances	**$ 13.3***	

**Excludes realized and unrealized gain on investments of $10.0 million and $20.2 million respectively*

Revenues as a Percentage of Total College Revenues

Expenses as a Percentage of Total College Expenses

The New York Hospital-Cornell Medical Center constitutes an alliance between The New York Hospital and Cornell University Medical College — two institutions committed to the three-fold mission of excellence in patient care, research, and education. The New York Hospital, founded in 1771 by a Royal Charter granted by King George III of England, and Cornell University Medical College, founded in1898, entered into a formal affiliation in 1927 — culminating with the opening, in 1932, of a unified campus on the Upper East Side of Manhattan. While occupying a single location, both institutions are controlled by separate governing boards. Listed below are governance for the Medical Center, Medical College, the Graduate School of Medical Sciences, The New York Hospital, and The NYH Care Network, as well as advisory and support groups.

GOVERNANCE

The New York Hospital-Cornell Medical Center (1995)

Joint Board

John F. McGillicuddy (NYH)
Chairman

Lilyan Affinito (Cornell)
Frank A. Bennack (NYH)
Eleanor T. Elliott (NYH)
Frederick W. Gluck (NYH)
Maurice R. Greenberg (NYH)
Ronald P. Lynch (Cornell)
Arthur J. Mahon (Cornell)
Robert Michels, M.D. (Cornell)
Harvey E. Sampson (Cornell)
David B. Skinner, M.D. (NYH)
Paul E. Taylor Jr. (NYH)
Sanford I. Weill (Cornell)
Stephen H. Weiss (Cornell)
Kathleen M. Burke, Esq.
Secretary

Senior Administrative Officers

Robert Michels, M.D.
The Stephen and Suzanne Weiss Dean, Cornell University Medical College

David B. Skinner, M.D.
President, The New York Hospital

Sue B. Dorn
Vice President and Vice Provost for Development

Paul F. Macielak
Vice President and Vice Provost for Government, Community and Public Affairs

Joint Campaign Committee

Frank A. Bennack Jr.
Co-Chairman

Sanford I. Weill
Co-Chairman

Iris Cantor
Eleanor T. Elliott
James H. Evans
Maurice R. Greenberg
David H. Koch
Terry Allen Kramer
Ronald P. Lynch
Arthur J. Mahon
John F. McGillicuddy
John E. Merow
Elizabeth Mezzacappa
Robert Michels, M.D.
Frank E. Richardson
Harvey E. Sampson
David B. Skinner, M.D.
Ronald P. Stanton
Ruth S. Stanton
David W. Wallace
Stephen H. Weiss
Walter B. Wriston

Cornell University Medical College (1995-96)

Board of Overseers

Sanford I. Weill
Chairman

Arthur J. Mahon
Vice Chairman

Robert A. Belfer
Anne E. Dyson, M.D.
Sanford B. Ehrenkranz
Eleanor T. Elliott
Barbara Benioff Friedman
Michael E. Hurwitz
Thomas W. Jones
Ronald P. Lynch
Hamish Maxwell
Robert Michels, M.D.
Howard P. Milstein
Edwin H. Morgens
Carl F. Nathan, M.D.
Margaret Osmer-McQuade
Hunter R. Rawlings III
Frank H.T. Rhodes
Isadore Rosenfeld, M.D.
Peter M. Sacerdote
Harvey E. Sampson
James P. Smith, M.D.
Daisy M. Soros
Ronald P. Stanton
Saul P. Steinberg
Stanley S. Tollman
Roger J. Weiss
Stephen H. Weiss

Life Overseers

Brooke Astor
Daniel P. Davison
Raymond R. Herrmann Jr.
Frances L. Loeb (d)
Jansen Noyes Jr.
Richard Shinn
Charles T. Stewart
Patricia Carry Stewart
Richard F. Tucker
Ruth C. Uris (d)
Frederick D. Wilkinson Jr.

Senior Administrative Officers

Hunter R. Rawlings III
President of the University

Robert Michels, M.D.
Provost for Medical Affairs and Dean of the Medical College

Steven P. Rosalie
Associate Provost

Cynthia Greenleaf
Assistant Provost

Daniel R. Alonso, M.D.
Senior Associate Dean

Philip V. Giuca
Senior Associate Dean

Carl F. Nathan, M.D.
Senior Associate Dean

E. Darracott Vaughan Jr., M.D.
Senior Associate Dean

Joanne Blauer
Secretary of the Medical College and Associate Dean

Bruce L. Ballard, M.D.
Associate Dean

Thomas J. Fahey Jr., M.D.
Associate Dean

Gordon F. Fairclough Jr., Ph.D.
Associate Dean

Oliver T. Fein, M.D.
Associate Dean

Patricia Flamm
Associate Dean

Martin Gardy, M.D.
Acting Associate Dean

Scott J. Goldsmith, M.D.
Associate Dean

Ellen R. Krasik
Associate Dean

Fletcher H. McDowell, M.D.
Associate Dean

Richard B. Roberts, M.D.
Associate Dean

Lawrence Scherr, M.D.
Associate Dean

Gregory W. Siskind, M.D.
Associate Dean

James L. Berardo
Executive Director, Faculty Practice Plan

Executive Faculty Council

Hunter R. Rawlings III
Robert Michels, M.D.
Daniel R. Alonso, M.D.
Bruce L. Ballard, M.D.
Jack D. Barchas, M.D.
Kenneth I. Berns, M.D., Ph.D.
Joanne Blauer
Paula W. Brill, M.D.
D. Jackson Coleman, M.D.
John M. Daly, M.D.
John Mihran Davis, M.D.
Thomas J. Fahey Jr., M.D.
Gordon F. Fairclough Jr., Ph.D.
Oliver T. Fein, M.D.
Donald A. Fischman, M.D.
Patricia Flamm
Martin Gardy, M.D.
Philip V. Giuca
Scott J. Goldsmith, M.D.
Richard D. Granstein, M.D.
Lorraine J. Gudas, Ph.D.
O. Wayne Isom, M.D.
Daniel M. Knowles, M.D.
Ellen R. Krasik
William J. Ledger, M.D.
Frederick R. Maxfield, Ph.D.
Fletcher H. McDowell, M.D.
Robert B. Millman, M.D.
Ralph L. Nachman, M.D.
Carl F. Nathan, M.D.
Maria I. New, M.D.
Fred Plum, M.D.
Richard B. Roberts, M.D.
John J. Savarese, M.D.
Lawrence Scherr, M.D.
W. Shain Schley, M.D.
Gregory W. Siskind, M.D.
H. Dirk Sostman, M.D.
E. Darracott Vaughan Jr., M.D.
Erich E. Windhager, M.D.

General Faculty Council

Paula W. Brill, M.D.
Chairman

Michael A. Caudy, Ph.D.
Yao-Tseng Chen, Ph.D.
John Mihran Davis, M.D.
Erik Falck-Pedersen, Ph.D.
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The New York Hospital Auxiliary was founded in 1912 to aid the Department of Social Services of The New York Hospital. Today, the Auxiliary's more than 100 members continue to raise funds to support the many programs benefiting the Hospital and its patients. These include:

- state-of-the-art equipment for the Pediatric Immunology and Pulmonology Program
- a directory of neighborhood services for visitors and friends
- outreach to the homebound elderly
- refurbishing of the Surgical Patient Family Waiting Room
- co-sponsorship of the "All Corners of New York Quilt Raffle"

In 1995, the Auxiliary sponsored their ongoing lecture series by hosting panel discussions on colon and breast cancer prevention, back pain, medical ethics, and a walking tour of the major modernization of The New York Hospital. Proceeds of the 1995 raffle were designated to benefit HealthOutreach programs.

Volunteers

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Director of Volunteer Services

Heather Johnson
Assistant Director

Volunteers dedicated to The New York Hospital provide an extra pair of hands and a willing heart that can truly make a difference to the patients, their families, and the staff. In 1995, there were 994 volunteers who gave 78,698 hours in 208 departments or programs throughout the Medical Center. Among those honored for their service in 1995 were:

35 Years
Rita Fabac

30 Years
Anne Joyce

25 Years
Lollo Erda

20 Years
Ruth Dubow
Dorothy Kirschman

15 Years
Virginia Boskey
Shirley Levinson
Ruth Livingston

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Charles Diamond
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Bernice Bernanke
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Phyllis Cohen

3,000 Hours
Gudrun Heidenrich
Alice Heyman
Shirley Levinson
Sophie Oriel

2,000 Hours
Roslyn Bloch
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Ronald Siedlecki
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The New York Hospital Care Network

The NYH Care Network, Inc., is a non-profit corporate entity established by The Society of the New York Hospital, Inc., to provide a comprehensive network of health-care providers for the metropolitan area. The 13-member Network links acute-care and community hospitals, long-term facilities, home-health agencies, ambulatory sites, and other health-care entities. The New York Hospital serves as the tertiary hub of this health-care network. All Network institutions are affiliates of Cornell University Medical College. To help carry out its mission, the Network is organized into four sectors: clinical integration, business operations, managed-care activities, and academic activities. NYH Health Plan, Inc., is designed to secure Network managed-care contracts for participating physicians and member institutions. The policies and activities of The NYH Care Network are guided by a board which includes chairpersons of the board of trustees, presidents and chief executive officers, and medical staff representatives of each member institution. Listed below are Network governance and members.

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Cornell University Medical College

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Hospital for Special Surgery
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- Flushing Hospital Medical Center
- Jackson Heights Hospital
- Little Neck Community Hospital

Silvercrest Extended Care Facility
The New York Hospital-Cornell Medical Center
The New York Hospital Medical Center of Queens
The Rogosin Institute
United Hospital Medical Center
University Group Medical Associates

THE NEW YORK HOSPITAL PROFESSIONAL STAFF

The New York Hospital-Cornell Medical Center represents an affiliation of The New York Hospital and Cornell University Medical College. Physicians at the Medical Center have appointments in both institutions. Most of the Chiefs of Service at The New York Hospital serve as chairmen of corresponding clinical departments of Cornell University Medical College. Physicians at the Hospital have faculty appointments in the Medical College. For the sake of simplicity, however, the Medical Center's clinical faculty are listed here by their hospital titles only and not by their academic titles.

In addition to the clinical departments, the Medical Center also has basic science departments. Since the work of these departments consists almost entirely of teaching and research, many basic science faculty do not have hospital appointments. They are, therefore, listed by academic title under the Cornell University Medical College faculty listing beginning on page 42.

The Medical Center has affiliations with a number of institutions, including the Hospital for Special Surgery, Burke Rehabilitation Hospital, Memorial Sloan-Kettering Cancer Center, The Rogosin Institute, Strang Cancer Prevention Center, The New York Hospital Medical Center of Queens, New York Methodist Hospital, The New York Community Hospital of Brooklyn, United Hospital Medical Center, Gracie Square Hospital, the Will Rogers Institute, St. Barnabas Hospital, LaGuardia Hospital, Jamaica Hospital, North Shore University Hospital, Catholic Medical Center of Brooklyn and Queens, and Blythedale Children's Hospital. Because of space limitations, professional staff at these institutions who do not have New York Hospital appointments are not listed in the following pages.

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(January 1, 1996)

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Jeffrey A. Rudolph, Psy.D.
Cynthia J. Sanderson, Ph.D.
Edward J. Schork Jr., Ph.D.
Jo Anne Sirey, Ph.D.
Margaret E. Snow, Ph.D.
Roger J. Sowala, Ph.D.
Alan S. Weiner, Ph.D.
Iutta V. Weiss, Ph.D.

Professional Associates (Psychology)

Katharina Anger, Ph.D.
Kenneth Barish, Ph.D.
Ngaere Baxter, Ph.D.
Janelle M. Bessette, Ph.D.
Lauren Broch, Ph.D.
Rachel W. Bush, Ph.D.
Daniel C. Carpenter, Ph.D.
Saralea E. Chazan, Ph.D
Jonathan C. Cohen, Ph.D.
Neill S. Cohen, Psy.D.
Mary C. Commerford, Ph.D.
Ida Flint Dancyger, Ph.D.
Jeanne C. Dietrich, Ph.D.
Joann Difede, Ph.D.
Patricia Doyle, Ph.D.
Carolyn Feigelson, Ph.D.
Catherine Mary Flanagan, Ph.D.

Graduate Staff

Payne Whitney Psychiatric Clinic

Clinical Fellows (Psychiatry)

Sharon Hird, M.D.
Michelle Rottenstein, M.B.B.S.

Psychiatrist

William D. Sobel, M.D.

Assistant Psychiatrists (Child Psychiatry)

Elizabeth E. Feigelson, M.D.
Nina Y. Freund, M.D.
Adrienne E. Lederer-Freedland, M.D.
Jonathan Wolf, M.D

Assistant Psychiatrists

Syed M. S. Ali, M.B.B.S
Bienvenida S. Austria, M.D.
Carlo Bayrakdarian, M.D.
Kenneth R. Cohen, M.D.
Juan Rolando Colareta, M.D.
Cornelia L. Gallo, M.D.
Amarsingh M. Ghorpade, M.D.
Judit Gordon-Lendvay, M.D.
Patricia M. Halligan, M.D.
Rosalind G. Hoffman, M.D.
Ma. Michaela P. Johnson, M.D.
Ja Sung Kim, M.D.
Anri A. Kissilenko, M.D.
Richard V. Korongy, M.D.
Ubaldo Leli, M.D.
Celia F. Mann-Catan, M.D
John A. Markisz, M.D.
William A. Rubenstein, M.D.
Robert Schneider, M.D.
George Stassa, M.D.
Karen Weingarten, M.D.
David F. Yankelevitz, M.D.

Assistant Attending Radiologists

Steven A. Albert, M.D.
Young Hee Choi, M.D.
Carlos G. Forcade, M.D.
Shulamith Goldberg, M.D.
Jasbir Grewal, M.D.
Alison Bender Haimes, M.D.
Paul Himelfarb, M.D.
James C. Hirschy, M.D.
Lisa A. Intriere, M.D.
Marcy B. Jagust, M.D.

THE NEW YORK HOSPITAL PROFESSIONAL STAFF

Marta Pearl Flaum, Ph.D.
Barbara L. Flye, Ph.D.
Christine E. Foertsch, Ph.D.
Geoffrey David Goodman, Ph.D.
Catherine Haran, Psy.D.
Laura Josephs, Ph.D.
Melanie A. Katzman, Ph.D.
Ellen Jay Klausner, Ph.D.
Erin I. Kleifield, Ph.D.
Jonathan Krieger, Ph.D.
Michael McKee, Ph.D.
Harriet N. Mischel, Ph.D.
Aynn B. Rosen, Ph.D.
Martin N. Seif, Ph.D.
Phyllis L. Sloate, Ph.D.
Meg L. Sussman, Ph.D.
Susan Wagner, Ph.D.
Tania Zazula, Ph.D.

Professional Associates (Psychiatry)

Janet Baumann, C.S.W.
Diane Girdwoyn Caspe, M.S.
Winifred R. Christ, D.S.W.
Philip A. Garippa, M.S.W.
Linda Greenberg, M.S.W.
Jo Rosenberg Hariton, Ph.D.
Dianne Heller Kaminsky, C.S.W.
Elaine Kleinbart, M.S.W.
Eleanor B. Krolian, M.S.W.
Randy Lehrer, C.S.W.
Ruth Ellen Mendelowitz, M.S.W.
Verena Michels, M.S.W.
Arlene Novick, M.S.W.
Synthia Pommiss, M.S.W.
Mary Jenness Raine, Ph.D.
Saul D. Raw, M.S.W.
Estelle Schecter, M.S.W.
Jody M. Shachnow, M.S.W.
Nina Shilling, M.S.W.
Doris M. Sisley, M.S.W.
Judith A. Sokol, M.S.W.
Frances D. Thurston, M.S.W.
Phyllis Urman-Klein, Ph.D.

Professional Associate (Podiatry)

John Cappa, D.P.M.

Kathleen M. Malloy, M.D.
Laurence R. Saul, M.D.
Sarita Singh, M.D.

Assistant Psychiatrists

Brian A. Aslami, M.D.
Mary E. Barber, M.D.
Kathryn E. Beyrer, M.D.
Catherine A. Birndorf, M.D.
Bernard Buchanan, M.D.
Deborah Daniels Carver, M.D.
Bezalel Dantz, M.D.
Melissa P. DelBello, M.D.
Laura L. Downs, M.D., C.M.
Michael C. Dulchin, M.D.
Margo L. Fugate-Alvarez, M.D.
Joseph F. Goldberg, M.D.
Pablo H. Goldberg, M.D.
Martin Goldstein, M.D.
Laurie E. Gordon, M.D.
Mark D. Green, M.B.B.S.
Daniel G. Herrera, M.D., Ph.D.
Nicholas A. Holliday, M.D.
Richard J. Kassner, M.D.
Angela B. Kedzior, M.D.
Lauri A. Liskin, M.D.
Diana M. Martinez, M.D.
Nina McGowan, M.D.
Cathy A. Mercaldi, M.D.
John R. Meyers, M.D.
Anna Miari, M.D.
Darlene M. Mitera, M.D.
Sarah Paul, M.D.
Joan Birnberg Pincus, M.D.
Sarah M. Ricketts, M.D.
Carol A. Roeloffs, M.D.
Jennifer F. Schreiber, M.D.
James J. Squires, M.D.
Mary E. Theodore, M.D.
Wendy L. Turchin, M.D.
Lena Verkhovsky, M.D.
Mark A. Yarbrough, M.D.

Westchester Division

Assistant Psychiatrists (Child Psychiatry)

Vanita Braver, M.D.
Joseph P. Damore Jr., M.D.
Diane DiGiacomo, M.D.
Lina Guertin, M.D.
Ilana Lyubling Karpenos, M.D.
Monique Masse, M.D.
Nidal Massoud, M.D.
Antonio P. Menchaca, M.D.
Abdul Nadeem, M.D.
Samad E. Namin, M.D.
Alfredo Nudman, M.D.
Alphonse D. Osinski, M.D.
Jacqueline Brooke Pevny, M.D.
Jose R. Riefkohl, M.D.
Wendy W. Rosen, M.D.
Pamela Smith, M.D.
Faye Teichman, M.D.
Ellen Koch Utley, M.D.
Jeffrey S. Winseman, M.D.

Radiology

Radiologist-in-Chief and Chairman

H. Dirk Sostman, M.D.

Attending Radiologists

Mostafa A. Batata, M.D.
David V. Becker, M.D.
Paula W. Brill, M.D.
Florence Chien-Hwa Chu, M.D.
Michael D. F. Deck, M.D.
John A. Evans, M.D.
Robert H. Freiberger, M.D.
Gordon Gamsu, M.D.
Amy Beth Goldman, M.D.
Stanley J. Goldsmith, M.D.
Antonio F. Govoni, M.D.
David B. Hayt, M.D.
Claudia I. Henschke, M.D., Ph.D.
Jeremy J. Kaye, M.D.
Elias Kazam, M.D.
Lourdes Nisce, M.D.
Dattatreyudu Nori, M.D.
Helene Pavlov, M.D.
Thomas A. Sos, M.D.
Patricia Winchester, M.D.
Robert D. Zimmerman, M.D.

Associate Attending Radiologists

Barbara Lucile Binkert, M.D.
Sheila D. Davis, M.D.
Bernard Ghelman, M.D.
Linda A. Heier, M.D.
James R. Hurley, M.D.
Edward J. Kaplan, M.D.
Richard J. Katz, M.D.
Risa H. Kent, M.D.
Neil M. Khilnani, M.D.
Young Sook Kim, M.D.
George Krol, M.D.
Miriam Levy, M.D.
Charlynn C. Maniatis, M.D.
Bernard B. O'Malley, M.D.
Hollis G. Potter, M.D.
Elizabeth Ramirez de Arellano, M.D.
Paula Montgomery Rothaus, M.D.
Stanley N. Schatzman, M.D.
Michael J. Schnur, M.D.
Craig H. Sherman, M.D.
Donald M. Stavis, M.D.
Helene R. Tapper, M.D.
David W. Trost, M.D.
Austin Wand, M.D.
Steven Wayne Winter, M.D.
James R. Wong, M.D.

Attending Physicists (Nuclear Medicine)

Rodney E. Bigler, Ph.D.
Pat Zanzonico, Ph.D.

Professional Associate (Physics)

Stephen Balter, Ph.D.

Graduate Staff

Clinical Fellows

Jiyong Ahn, M.D.
Michael L. Amoroso, M.D.
Lynn Alison Brody, M.D.
Jack E. Burson, M.D.
Joseph P. Comunale Jr., M.D.
William D. Donovan, M.D.
Elizabeth Ann Gaary, M.D.
Sherry Lynn Gross, M.D.
Ryomin Kim, M.D.
Marie L. Leong, M.D.
Eric Lis, M.D.
Suresh P. Mody, M.D.
John S. Richmond, M.D.
Julie Anne Schatz, M.B.B.S.
Mahendra Sharma, M.D.
Elana A. Spear, M.D.
Surendra Kumar Verma, M.B.B.S.
Thaddeus Mark Yablonsky, M.D.

Assistant Radiologists (Nuclear Medicine)

Leon Futoran, M.D.
Henry K. Poon, M.D.

Assistant Radiologists

Joseph C. Antonio, M.D.
Dawn E. Baker, M.D.
Ermelinda Bonaccio, M.D.
Nanette Bracero, M.D.
Kenneth E. Brumberger, M.D.
Bruce G. Campbell, M.D., Ph.D.
Debra Ann Chiarella, M.D.
Michele B. Drotman, M.D.
Timothy L. Feng, M.D.
Francis T. Flaherty, M.D.
Eric J. Gandras, M.D.
Stephen D. Go, M.D.
David R. Gruen, M.D.
Irina Jordanescu, M.D.
Simone Kahn, M.D.
Lori H. Kelly, M.D.
Patricia A. Kim, M.D.
Linda R. LaTrenta, M.D.
Michael Macari, M.D.
Rene Paul Manzo, M.D.
Jonathan M. Messinger, M.D.
Robert J. Min, M.D.
Melanie Moses, M.D.
Lynne P. Pinkney, M.D.
Robert J. Rabiea, M.D.
Ami A. Shah, M.D.
Maria C. Davila Shiau, M.D.
Lawrence Emil Steinbach, M.D.
Steven L. Topham, M.D.
Priscilla A. Winchester, M.D.
Lawrence S. Yu, M.D.

Rehabilitation Medicine

Physiatrist-in-Chief
Willibald Nagler, M.D.

Leave of Absence

Irene von Estorff, M.D.

Assistant Attending Physiatrists

Mark P. B. Bodack, M.D.
Hilary B. Kern, M.D.
Elisabeth A. Lachmann, M.D.
Sheryl R. Levin, M.D.
Steven G. Marini, M.D.
Richard Tunkel, M.D.

Clinical Affiliates (Physiatry)

Andrew D. Brown, M.D.
Jeffrey L. Cole, M.D.
Patrick M. Corcoran, M.D.
Paul Jendrek, M.D.
Isabella Maria Rampello, M.D.
Dae-Sik Rho, M.D.
Barry C. Root, M.D.
Alexander C. Simotas, M.D.
Peter H. Stern, M.D.

Professional Associates

Wendy W. Avery-Smith
John S. Ferrari
H. Richard Lehneis, Ph.D.
Dorene Tellerman

Professional Associate (Podiatry)

Michael Polchaninoff, D.P.M.

Graduate Staff

Assistant Physiatrists

Andrew B. Berlowe, M.D.
Debra L. Braverman, M.D.
Joseph C. Cole, M.D.
Joseph F. Condon, M.D.
Alicia S. Ferraro-Herrera, M.D.
Mahender R. Goriganti, M.D.
Harris S. Hausen, M.D.
Allison P. Henry, M.D.
Aubrey Y. Ku, M.D.
Robert P. Pannullo, M.D.
Maria V. Pirraglia, M.D.
Sarosh M. Quereshy, M.B.B.S.
Akifa Samdani, M.D.
Vijay B. Vad, M.D.

Surgery

Surgeon-in-Chief and Chairman
John M. Daly, M.D.

General Surgery

Attending Surgeons

Roy H. Ashikari, M.D.
Murray F. Brennan, M.D.
Jhoong S. Cheigh, M.D.
Jerome J. DeCosse, M.D., Ph.D.
Philip R. Exelby, M.D.
Stephen F. Lowry, M.D.
John L. Madden, M.D.
Charles K. McSherry, M.D.
Michael P. Osborne, M.D.
Walter F. Pizzi, M.D.
Robert R. Riggio, M.D.
Albert L. Rubin, M.D.
Kurt H. Stenzel, M.D.
William T. Stubenbord, M.D.
George E. Wantz, M.D.
David Edwin Wesson, M.D.
John C. Whitsell II, M.D.
Roger W. Yurt, M.D.

Associate Attending Surgeons

Anthony C. Antonacci, M.D.
Philip S. Barie, M.D.
Harry L. Bush Jr., M.D.
Armand F. Cortese, M.D.
John Mihran Davis, M.D.
Gary A. Fantini, M.D.
Jerome Finkelstein, M.D.
Peter M. Guida, M.D.
Paul H. Halebian, M.D.
Alexander E. Kuehl, M.D.
Michael P. LaQuaglia, M.D.
Michael R. Madden, M.D.
Vincent F. Marzulli, M.D.
Kevin P. Morrissey, M.D.
Stuart D. Saal, M.D.
Michael F. Silane, M.D.
Barry H. Smith, M.D., Ph.D.
John F. Sullivan, M.D.
John C. L. Wang, M.D., Ph.D.

Assistant Attending Surgeons

John M. Aronian III, M.D.
Fadi F. Attiyeh, M.D.
Monica M. Bertagnolli, M.D.
Anthony C. Cahan, M.D.
James L. Clarke, M.D.
William T. Curry, M.D.
Eva Fischer, M.D.
Yuman Fong, M.D.
James P. Gaston, M.D.
Mark S. Gordon, M.D.
James P. Kavoussi, M.D.
Michael D. Lieberman, M.D.
Faith A. Menken, M.D.
Anthony C. Mustalish, M.D.
Eugene J. Nowak, M.D.
Herbert C. Rader, M.D.
Nicholas C. Saenz, M.D.
Angeleke Saridakis, M.D.
Rache M. Simmons, M.D.
Linell De-Silva Skeene, M.D.
Nitsana A. Spigland, M.D.
Harry Statman, M.D.

Clinical Affiliate (Surgery)

David A. Mayer, M.D.

Physician's Assistant (Surgery)

Donna J. Gilmartin

Surgeon's Assistants

Donna M. Hamilton
Lori Johnson
Geoffrey O'Sullivan

Graduate Staff

Clinical Fellow

Joseph F. Voli, M.D.

Surgeons

Hazem Y. Afifi, M.D.
John D. Berne, M.D.
Walter C. Hayne, M.D.
Eun Sil Hwang, M.D.
Sandip Kapur, M.D.
Leslie L. Montgomery, M.D.
Imtiaz A. Munshi, M.D.
Tracy M. Pfeifer, M.D.

Assistant Surgeons

Eric G. Auerbach, M.D.
Norma Bacilious, M.D.
Susan K. Boolbol, M.D.
M. Christine Brown, M.D.
Duc T. Bui, M.D.
Tracy R. Calvo, M.D.
Jeffrey C. Chan, M.D.
Caleb K. Charny, M.D.
Andy C. Chiou, M.D., M.P.H.
Benjamin B. Choi, M.D.
Struan H. Coleman, M.D.
Kambiz Dardashti, M.D.
Rajeev Dayal, M.D.
Deborah A. Faryniarz, M.D.
Stephen Fealy, M.D.
Nicholas D. Garcia, M.D.
Richard D. Glick, M.D.
John A. Goncalves Jr., M.D.
Evelyn M. Gonzalez, M.D.
Drew P. Greeley, M.D.
Stephen R. Grobmyer, M.D.
Nizar Habal, M.D.
Robert E. Helm, M.D.
John J. Hong, M.D.
Mary Ann Hopkins, M.D.
Charles R. Kaplan, M.D.
Michael G. Kaplitt, M.D.
John D. Klemperer, M.D.
Swati Kulkarni, M.D.
Ho-Sheng Lin, M.D.
Amy D. Lu, M.D.
Peter J. Mackrell, M.D.
Najjia N. Mahmoud, M.D.
Mary Alice Maluccio, M.D.
Andrew M. Miller, M.D.
Evan P. Nadler, M.D.
William J. O'Connor, M.D.
Bernard J. Park, M.D.
J. Martin Perez, M.D.
Alistair B. M. Phillips, M.D.
David E. Rivadeneira, M.D.
Scott F. Rosen, M.D.
G. Bino Rucker, M.D.
William Samson, M.D.
Suzanne B. Schwartz, M.D.
Robert Christopher Silich, M.D.
Li-Ming Su, M.D.
Gerald D. Suh, M.D.
Mia Talmor, M.D.
Eric T. Tolo, M.D.
Josephine Y. Tsai, M.D.
George J. Tsioulias, M.D.
Daniel Yao, M.D.
Craig H. Zalvan, M.D.
Abraham J. Zimm, M.D.

Dentistry, Oral and Maxillofacial Surgery

Acting Attending Oral Surgeon-in-Charge
David A. Behrman, D.M.D.

Attending Dentists

Stanley J. Behrman, D.M.D.
Jason C. Lee, D.D.S.
John J. Putnam, D.D.S.

Associate Attending Dentist (Endodontist)

Nelson I. Mendell, D.M.D.

Associate Attending Dentist (Oral Pathology)

Paul D. Freedman, D.D.S.

Associate Attending Dentist (Orthodontist)

Marc S. Lemchen, D.M.D.

Associate Attending Dentists (Periodontist)

Seymour M. Koteen, D.D.S.
Joseph E. Rowan, D.D.S.

Associate Attending Dentist (Prosthodontist)

Ivin B. Prince, D.D.S.

Associate Attending Dentists

Lawrence A. Behrman, D.D.S.
Harry Lumerman, D.D.S.
Ernest R. Piccaro, D.D.S.

Assistant Attending Oral and Maxillofacial Surgeons

Steven M. Baum, D.D.S.
Robert D. Carpenter, D.M.D.
Gregory C. Chotkowski, D.M.D.
Thomas M. Darrigan, D.D.S.
Arthur C. Elias, D.M.D.
Michael R. Glogoff, D.M.D.
Richard G. Gray, D.M.D.
Jerry L. Halpern, D.D.S.
Andrew J. Hauser, D.D.S.
Claudia B. Kaplan, D.D.S.
Frederick M. Lifshey, D.D.S.
E. Joseph Marged, D.D.S.
Jonathan T. Perry, D.D.S.
Peter H. Pruden, D.D.S.
Steven J. Tunick, D.M.D.
William D. Weber, D.M.D.

Assistant Attending Dentists (Endodontist)

Sebastian J. Lentini, D.D.S.
Andrew Seth Melinger, D.M.D.

Assistant Attending Dentists (Orthodontist)

Brendan J. Boylan, D.D.S.
Mark Jay Bronsky, D.M.D.
Brendan M Cooney, D.D.S.
Michael G. Steinberg, D.D.S

Assistant Attending Dentists (Pedodontist)

Louis M. Cooper, D.D.S.
Mark S. Hochberg, D.M.D.
David J. Levine, D.D.S.
Jack L Mitchell, D.D.S

Neurosurgery

Acting Attending Surgeon-in- Charge
Richard A.R. Fraser, M.D.

Honorary Staff

Howard S Dunbar, M.D.

Associate Attending Surgeons

Joseph H. Galicich Jr., M.D.
Francis W. Gamache Jr., M.D.
Jamshid B. G. Ghajar, M.D.
Michael H. Lavyne, M.D.
Robert B. Snow, M.D.

Assistant Attending Surgeons

Mark H Bilsky, M.D.

Assistant Attending Surgeons

Michael M. Alexiades, M.D.
Answorth A. Allen, M.D.
Stephen C. Allen, M.D.
David W. Altchek, M.D.
Abraham T Appleton, M.D.
Edward A. Athanasian, M.D.
Joseph Borrelli Jr., M.D.
Robert L. Buly, M.D.
Frank P Cammisa Jr., M.D.
Jonathan T. Deland, M.D.
David M. Dines, M.D.
Mark P. Figgie, M.D.
Michelle Gerwin, M.D.
Steven B. Haas, M.D.
Jo A. Hannafin, M.D., Ph.D.
Robert N Hotchkiss, M.D.
Michael J. Maynard, M.D.
Martin J. O'Malley, M.D.
David S. Levine, M.D
Matthew J. Meunier, M.D
Christopher Miskovsky, M.D.
Hugh M. O'Flynn, M.D.
Alexandra E Page, M.D.
Lance E. Peters, M.D
William M Ricci, M.D
Karen E. Schneider, M.D.
Pamela J. Sherman, M.D.
Scott J. Tarantino, M.D.
Riley Joseph Williams III, M.D.
John M Wright, M.D.

Plastic Surgery

Attending Surgeon-in-Charge
Lloyd Hoffman, M.D.

THE NEW YORK HOSPITAL PROFESSIONAL STAFF

Assistant Attending Dentists (Periodontist)

Philip D. Pack, D.M.D.
George W. Sferra Jr., D.D.S.

Assistant Attending Dentists (Prosthodontist)

Jennifer J. Burrell, D.D.S.
James H. Doundoulakis, D.M.D.
Charles A Lennon, D.M.D.

Assistant Attending Dentists

Stephen E. DeMyer, D.D.S.
Richard F Giannandrea, D.D.S.
Peter W. Jankowski, D.D.S.
Robert Karsten, D.D.S.
Guy N. Minoli, D.D.S.
Edward J. Prus, D.D.S.
Steven Saltzman, D.D.S.
Robert M. Sorin, D.M.D.
Michael J. Vassallo, D.D.S.

Graduate Staff

Clinical Fellow (Dentistry)

Julie A. Chavez, D.D.S.

Oral and Maxillofacial Surgeon

Cary H. Miles, D.D.S.

Assistant Oral and Maxillofacial Surgeons

Peter A. Albanese Jr., D.M.D.
Edward A. Rosenbaum, D.M.D.

Intern in Oral and Maxillofacial Surgery

Christopher J. Larmour, D.M.D.

Interns - General Practice Residency Program

Glen E Jones, D.D.S.
Kim M. Wasko, D.M.D.
Margaret H. Young, D.D.S.

Mark M. Souweidane, M.D.
Kevin J. Tracey, M.D.

Graduate Staff

Surgeon

Gary A. Zimmerman, M.D.

Assistant Surgeons

Cameron W. Brennan, M.D.
Stefano Camici, M.D.
Kevin M. Cockroft, M.D.
Christopher G. Gaposchkin, M.D., Ph.D.
Peter M. Li, M.D.
Susan Cohen Pannullo, M.D.
Steven F. Will, M.D.

Orthopedics

Surgeon-in-Chief Hospital for Special Surgery
Russell F. Warren, M.D.

Attending Surgeons

Edward V. Craig, M.D.
Allan E. Inglis, M.D.
Richard S. Laskin, M.D.
Chitranjan S. Ranawat, M.D.
Leon Root, M.D.
Eduardo A. Salvati, M.D.
Thomas P. Sculco, M.D.
Andrew J. Weiland, M.D.
Philip D. Wilson Jr., M.D.

Associate Attending Surgeons

Oheneba Boachie-Adjei, M.D.
Walther H. O. Bohne, M.D.
Stephen William Burke, M.D.
Charles N Cornell, M.D.
John H. Healey, M.D.
David L. Helfet, M.B.B.Ch.
John P. Lyden, M.D.
Peter J. Marchisello, M.D.
Ralph C. Marcove, M.D.
Richard McCormack Jr., M.D.
Stephen J. O'Brien, M.D.
Paul M. Pellicci, M.D.
Thomas L. Wickiewicz, M.D.
Russell E. Windsor, M.D.
Douglas E. Padgett, M.D.
Howard A. Rose, M.D.
Andrew V. Slucky, M.D.
Kostas P. Velis, M.D.
Roger F. Widmann, M.D.

Graduate Staff

Surgeons

Robert W Baylis, M.D.
Brian J. Bear, M.D.
Christopher T. Behr, M.D.
Leslie J. Bisson, M.D.
Eric W Carson, M.D.
Wen Chao, M.D.
Brian J. Cole, M.D.
Mark A. Deitch, M.D.
Daniel W. Green, M.D.
Jerome C. Hall, M.D.
Kenneth K. Hansraj, M.D.
Shlomo Hayek, M.D.
David M. Kalainov, M.D.
Paul E Kovatis, M.D.
Matthew P. Lorei, M.D.
Dean G Lorich, M.D.
John P. McCabe, M.B.B.Ch.
Charles A. Peterson II, M.D.
Scot E. Reeg, M.D.
Scott Alan Rodeo, M.D.
Jose A. Rodriguez, M.D.
Paul Y. Shonnard, M.D.
Stephanie R. Stephens, M.D.
Christopher E. Wottowa, M.D.
Stephen J. Zabinski, M.D.

Assistant Surgeons

James E. Bates, M.D.
Kevin F. Bonner, M.D.
Blackshear M. Bryan III, M.D.
Haber C. Crockett, M.D.
J. Albert Diaz, M.D.
Gregory S. DiFelice, M.D.
Michael J. Diminick, M.D.
Shevaun M. Doyle, M.D.
Jeffrey R. Dugas, M.D.
Robert P. Dunbar Jr., M.D.
Christian I. Fras, M.D.
Douglas B. Freedberg, M.D.
Chisa Hidaka, M.D.
Laurence Higgins, M.D.
Jason L. Koh, M.D.

Attending Surgeons

Randolph H. Guthrie Jr., M.D.
James W. Smith, M.D.
Andrew J. Weiland, M.D.

Associate Attending Surgeons

David A. Hidalgo, M.D.
Gregory S. LaTrenta, M.D.

Assistant Attending Surgeons

Gary S. Bromley, M.D.
Robert L. Cucin Jr., M.D.
Joseph Feinberg, M.D.
Lloyd B. Gayle, M.D.
Robert T Grant, M.D.
Gerald Imber, M.D.
Martin E. Kessler, M.D.
Edmund Kwan, M.D.
Edward W. Powers III, M.D.
Philip G. Prioleau, M.D.
Lawrence S. Reed, M.D.
Kenneth O. Rothaus, M.D.
Robert G. Schwager, M.D.
John E. Sherman, M.D.
B. Donald Sklansky, M.D.

Graduate Staff

Surgeons

Valerie J. Ablaza, M.D.
Douglas J. Mackenzie, M.D.
Mark H. Schwartz, M.D.

Assistant Surgeons

Haideh Hirmand, M.D.
Victor M. Rodriguez-Balasquide, M.D.
Richard M. Winters, M.D.

Urology

Urologist-in-Chief and Chairman
E. Darracott Vaughan Jr., M.D.

Attending Urologists

Jerry G Blaivas, M.D.
William R. Fair, M.D.
Marc Goldstein, M.D.

Moneer K. Hanna, M.D.
Karl-Eric Johanson, M.D.
Stanley J. Kogan, M.D.
Selwyn B. Levitt, M.D.
John H. McGovern, M.D.
Edward C. Muecke, M.D.
Robert S. Waldbaum, M.D.
John J. Williams, M.D.

Associate Attending Urologists

Neil H. Bander, M.D.
Richard H. Bard, M.D.
John W. Coleman, M.D.
John A. Fracchia, M.D.
Harry W. Herr, M.D.
David T. Mininberg, M.D.
W. Reid Pitts Jr., M.D.
Jon M. Reckler, M.D.
R. Ernest Sosa, M.D.

Assistant Attending Urologists

Joel Abramowitz, M.D.
Martin M. Alexander, M.D.
Carlos Arango, M.D.
Noel A. Armenakas, M.D.
Stephen R. Baumgarten, M.D.
John D. Birkhoff, M.D.
John C. Byrne, M.D.
Peter N. De Sanctis, M.D.
Jean-Francois Eid, M.D.
Stephen Fortunoff, M.D.
Israel Franco, M.D.
Suzanne L. Frye, M.D.
Bruce R. Gilbert, M.D.
Jeffrey Glasser, M.D.
Robert W. Gluck, M.D.
Michael M. Gross, M.D.
Frederick A. Gulmi, M.D.
Jack I. Hershman, M.D.
Steven Phillip Kallet, M.D.
Marc S. Kaplan, M.D.
Albert N. Kim, M.D.
Howard N. Kivell, M.D.
George Klein, M.D.
Marcus H. H. Loo, M.D.
Franklin C. Lowe, M.D.
Isaac Madeb, M.D.
James P. McCarron Jr., M.D.
Thomas P. McGovern, M.D.
Piero O. Niceta, M.D.
Carl M. Pellman, M.D.
Aaron P. Perlmutter, M.D., Ph.D.
Ben I. Preminger, M.D.
Edward F. Reda, M.D.
Majer Rosenfeld, M.D.
Jeffrey J. Sandhaus, M.D.
Peter N. Schlegel, M.D.
Saeid Shamsian, M.D.
Vincent J. Tumminello, M.D.
Michael H. Wechsler, M.D.
Gilbert J. Wise, M.D.
Morey Wosnitzer, M.D.
George P. H. Young, M.D.

Surgeon's Assistant

Mary L. Lombardi

Graduate Staff

Clinical Fellows

Sarah K. Girardi, M.D.
Thomas V. Martin, M.D.
Menachem M. Shemtov, M.D.
Armand Zini, M.D.

Urologists

Thomas A. Gardner, M.D.
E. James Wright III, M.D.

Assistant Urologists

Francis Y. Kim, M.D.
Gary E. Lemack, M.D.
Matthew L. Lemer, M.D.
Laurence T. O'Connor Jr., M.D.
Michael Ostad, M.D.
Christian P. Pavlovich, M.D.
Perry M. Sutaria, M.D.
Robert G. Uzzo, M.D.
John T. Wei, M.D.

Directors of Laboratories

Clinical Pathology Laboratories

Pathologist-in-Chief
Daniel M. Knowles, M.D.

Clinical Laboratories
Director
M. Desmond Burke, M.D.

Blood Bank and Transfusion Service
Director
Carl F.W. Wolf, M.D.
Assistant Director
Kathleen A. Leonard, M.D.

Clinical Biochemistry
Director
Kenneth Emancipator, M.D.

Clinical Hematology
Acting Director
Kathleen A. Leonard, M.D.

Clinical Microbiology
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Renate F. Klein, Ph.D.

Cytogenetics
Director
M. Lita Alonso, M.D.

Cytology
Director
Charles A. Santos-Buch, M.D.
Assistant Director
June H. Koizumi, M.D.

Immunopathology
Director
Daniel M. Knowles, M.D.
Assistant Director
Amy Chadburn, M.D.

Surgical Pathology
Acting Director
Janet A. Mouradian, M.D.

Clinical Diagnostic Laboratories, Directors

Cardiac Catheterization, Adult
Timothy A. Sanborn, M.D.

Cardiac Catheterization, Pediatrics
Myles S. Schiller, M.D.

Cardiac Graphics, Adult
Paul D. Kligfield, M.D.

Cardiac Graphics, Pediatrics
Kathryn H. Ehlers, M.D.

Electroencephalography
Gail E. Solomon, M.D.

Electromyography
Michael Rubin, M.D.

Neurophysiology
Jonathan Victor, M.D., Ph.D.

Nuclear Medicine
Stanley J. Goldsmith, M.D.

Pulmonary Function
Abraham Sanders, M.D.

Department of Pharmacy

Apothecary-in-Chief
W. James Bicket, M.S.
(*through* 7/95)
Karol Wollenberg, R.Ph.
(*as of* 4/96)

Division of Nursing

Senior Administrative Staff

Vice President for Nursing
Doris M. Glick, M.P.H., R.N.

Director, Clinical Nursing Programs
Cynthia Godfrey, M.S., R.N.

Director, Administrative and Ambulatory Nursing Programs
Elizabeth McCormick, M.S., R.N.

Directors

Nursing Education
Sally Ann Corbo, M.A., R.N.

Nursing Practice
Janet L. McBride, M.A., R.N.

Perioperative Services
Elyce Milgazo, M.P.A., R.N

Psychiatric Nursing Payne Whitney Clinic North
Patricia O'Brien, Ph.D., R.N. (Acting)

Psychiatric Nursing Westchester Division
Jeanne Delaney, M.A., R.N. (Acting)

Assistant Directors

Ambulatory Nursing
Sue Nolan, M.B.A., R.N.

Critical Care Nursing
Marissa Pica, M.S., R.N.

Nursing Education
Dianne Ryan, M.A., R.N.
Linda Saal, M.A., R.N.

Nursing Information Services
Diane Johnson, M.S., R.N.

Medical/Surgical Nursing
Patricia Prufeta, M.S., R.N.

Nursing Practice
Patricia Keill, M.A., R.N.

Women and Children's Health Nursing
Margie Macek, M.S., R.N.

All members of The New York Hospital attending staff also hold faculty appointments at Cornell University Medical College (CUMC). Listed below in rank order are CUMC additional faculty in the clinical departments at The New York Hospital-Cornell Medical Center who hold only Medical College appointments, followed by the faculty in the basic science departments. Included here are faculty on all five appointment tracks: tenure, academic-clinical, clinical, research, and voluntary. These lists include full-time and part-time faculty, including those who have adjunct, visiting, and courtesy appointments. Some faculty have appointments in more than one department; in most cases, faculty members' names appear only in the departments where they have their primary appointments.

CUMC AND GSMS FACULTY

Honorary and emeritus staff members at The New York Hospital hold or held CUMC faculty appointments. Immediately below are further Medical College emeritus faculty members at the ranks of professor and associate professor. Asterisks indicate CUMC faculty who also hold appointments with the Graduate School of Medical Sciences (GSMS). Additional GSMS faculty are listed at the end of this section on page 44.

Cornell University Medical College and Graduate School of Medical Sciences

(April 1996)

Additional Emeritus Faculty

Stuart S. Asch, M.D.
Mary E.W. Goss, Ph.D.
Roger L. Greif, M.D.*
Bernard L. Horecker, Ph.D.
Takeo Iwamoto, M.D.
Eleanor C. Lambertsen, Ed.D.
Allyn B. Ley, M.D.
Ursula Muller-Eberhard, M.D.
William M. O'Leary, Ph.D.
Toby Rodman, Ph.D.
George Schaefer, M.D.
Doris R. Schwartz, M.A.
Charles Sheard, M.D.
Selma Silagi, Ph.D.
Dieter H. Sussdorf, Ph.D.
Alice Ullman, M.S.

Cornell University Medical College — Clinical Departments

Additional Faculty

Department of Anesthesiology

Associate Professorial Rank

Bernd W. Urban, Ph.D.

Assistant Professorial Rank

Daniel N. S. Duch, Ph.D.*
Anthony G. Messina, M.D.
Esperanza Recio-Pinto, Ph.D.

Department of Cardiothoracic Surgery

Assistant Professorial Rank

Daniel G. Ciaburri, M.D.
George E. Cimochowski, M.D.

Department of Medicine

Professorial Rank

Louis M. Aledort, M.D.
John P. Allegrante, Ph.D.*
Clyde Wayne Bardin, M.D.
Daniel F. Catanzaro, Ph.D.*
Edward D. Crandall, M.D.
Leon Ellenbogen, Ph.D.
William Gerin, Ph.D.
Peter C. Harpel, M.D.
Jules Hirsch, M.D.
Thomas C. Jones, M.D.
Ollie S. Miettinen, M.D., Ph.D.
Kenneth E. Mott, M.D.
Jean W. Pape, M.D.
Steven G. Reed, Ph.D.
Heonir Rocha, M.D.
Stephen G. Rosen, M.D.
Jean E. Sealey, Ph.D.*
Stanley Ulick, M.D.
Qiao-Wen Xie, Ph.D.

Associate Professorial Rank

Robert J. Da Silva Badaro, M.D.
Marius J. Broekman, Ph.D.
Betty S. Danes, M.D.
Harold R. Dettelbach, Ph.D.
Aihao Ding, Ph.D.
James D. Frengley, M.B.B.Ch.
Richard Friedman, Ph.D.
Joelle Gabay, Ph.D.
Gwyneth J. Goodfield, Ph.D.
Gary D. James, Ph.D.
Lawrence J. Machlin, Ph.D.
Dwight E. Matthews, Ph.D.
Timothy A. McCaffrey, Ph.D.
Kenneth B. Pomerantz, Ph.D.
Steven G. Reed, Ph.D.
Carlo Russo, M.D.*
Melissa P. Schori, M.D.
Rise Schwab, Ph.D.*
Joseph S. Schwartz, Ph.D.
Anthony W. Scotto, Ph.D.*
Paul Szabo, Ph.D.

Assistant Professorial Rank

Leona Brenner-Gaati, M.D.
Andrew B. Covit, M.D.
Giovanni DeSimone, M.D.
Paul J. Deutsch, M.D.
Adeleh Ebrahimzadeh, Ph.D.
Steven M. Goldfine, Ph.D.
Margaret A. Hamburg, M.D.
Hsien-Yeh Hsu, Ph.D.
Meena Jhanwar-Uniyal, M.D.
Paul Algirdas Landsbergis, Ed.D.
Thomas N. Lavin, M.D.
Baogui Li, Ph.D.
Hsiou-Chi Liou, Ph.D.*
Siu Kong Lo, Ph.D.
Andrea Mastrangeli, M.D.
Enrique Mesri, Ph.D.
Stuart B. Mushlin, M.D.
Daniel Ronsse Nussenzveig, M.D.
Suman Frieda A. Pearce, Ph.D.
Ricardo Pini, M.D.
Constance D. Rothermel, Ph.D.
Suzanne F. Scarlata, Ph.D.
Fred S. Schwartz, M.D.
Phyllis G. Supino, Ph.D.
Virginia Utermohlen, M.D.
John Eu-Li Wong, M.B.B.S.

Instructor Rank

Satish Deshmane, Ph.D.
Debashis Mitra, Ph.D.
Ramachandran Ramalingam, Ph.D.
Kotha Subbaramaiah, Ph.D.
Nadia Gabriele Tornieporth, M.D.

Other

Philip R. Fox, D.V.M.

Department of Neurology and Neuroscience

Professorial Rank

H. Richard Beresford, M.D.
Richard S. J. Frackowiak, M.B.B.Ch., M.D.
Gary Gibson, Ph.D.*
Tong H. Joh, Ph.D.*
Virginia M. Pickel, Ph.D.*
William A. Pulsinelli, Ph.D., M.D.
John A. Wagner, Ph.D.*

Associate Professorial Rank

Robert Mackel, Ph.D.
Teresa A. Milner, Ph.D.*
David A. Ruggiero, Ph.D.*

Assistant Professorial Rank

Sue Ann Aicher-Welsch, Ph.D.
Chiye J. Aoki, Ph.D.
Alexandre Bennett, Ph.D.
Leslie A. Burton, Ph.D.
Douglas L. Feinstein, Ph.D.
Eugene V. Golanov, Ph.D.
Enrico Parano, M.D.
Keith P. Purpura, Ph.D.*
Regunathan Soundararajan, Ph.D.
Miao-Kun Sun, Ph.D.
Lewis W. Tucker, Ph.D.
Timothy Tully, Ph.D.*
Elisabeth J. Van Bockstael, Ph.D.
Ge Wu, Ph.D.
Xian-Cheng Yang, Ph.D.

Instructor Rank

Peter Cheng, Ph.D.
Gen Li, Ph.D.

Department of Obstetrics and Gynecology

Professorial Rank

J. Michael Bedford, V.M.D., Ph.D.
S. Anna-Riita Fuchs, D.M.Sc.
Lawrence B. McCullough, Ph.D.
Brij Saxena, D.Sc., Ph.D.
Stanley Zinberg, M.D.

Associate Professorial Rank

Linda D. Applegarth, Ed.D.
Glen C. Isaacson, M.D.
Gianpiero D. Palermo, M.D.
Kangpu Xu, Ph.D.

Instructor Rank

Ling Chi, B.M., Ph.D.
Edward Jacobson, M.D.
Amen Ness, M.D.
Julio Rimarachin, M.D., Ph.D.
David B. Weinstein, M.D.

Department of Ophthalmology

Professorial Rank

Ingrid Kreissig, M.D.
Frederic L. Lizzi, D.Sc.

Associate Professorial Rank

Katherine Ferrara, Ph.D.
Ronald H. Silverman, Ph.D.
Janet R. Sparrow, Ph.D.

Assistant Professorial Rank

Andrea Cusumano, M.D.
Vincent P. DeLuise, M.D.
Robert M. Duvoisin, Ph.D.*
Ching-Hwa Sung, Ph.D.*
Lloyd M. Wilcox Jr., M.D.

Department of Otorhinolaryngology

Assistant Professorial Rank

Marc B. Kramer, Ph.D.
Melissa Gale Steiner, Ph.D.

Department of Pediatrics

Professorial Rank

Maria A. B. DeSousa, M.D., Ph.D.
Joshua Lederberg, Ph.D.
Mario Cristiano Rattazzi, M.D.
Emile M. Scarpelli, M.D.

Associate Professorial Rank

Susanna Cunningham-Rundles, Ph.D.
Robert W. Grady, Ph.D.
Margaret T. Grossi, M.D., M.P.H.
Ruth Deborah Nass, M.D.
Mary Josephine Ward, Ph.D.

Assistant Professorial Rank

Ivan L. Hand, M.D.
David M. Namerow, M.D.
Leigh Pascoe, Ph.D.
George W. Rutherford III, M.D.
Toni Lynn Valentino, M.D.
Robert C. Wilson, Ph.D.

Instructor Rank

Yusuf M. Khakoo, M.D.

Department of Psychiatry

Professorial Rank

Norman Dain, Ph.D.
Joseph T. English, M.D.
Sander L. Gilman, Ph.D.
Judith Green, Ph.D.
Leon D. Hankoff, M.D.
Barbara F. Leavy, Ph.D.
Judith Godwin Rabkin, Ph.D.
Roy Schafer, Ph.D.
Daniel N. Stern, M.D.

Associate Professorial Rank

Scott S. Campbell, Ph.D.
Daniel I. A. Cohen, Ph.D.
Norcross D. Geary, Ph.D.
Alan Angus McLean, M.D.
Kevin Lee Moreland, Ph.D.
Randall B. Murphy, Ph.D.
Doris B. Nagel, M.D.

Assistant Professorial Rank

Bonnie G. Berger, Ed.D.
Eric S. Corp, Ph.D.
John D. Davis, Ph.D.
Adam Drewnowski, Ph.D.
Zofia E. Dziewanowska, M.D.
Danielle Greenberg, Ph.D.*
Tatsuyuki Kakuma, Ph.D.
Andrew C. Leon, Ph.D.
Carol C. Magai, Ph.D.
John Chetwood Mahler, M.D.
Brian D. Poeschla, M.D.
Tracy A. Revenson, Ph.D.
Steven D. Roth, M.D.
Suzanne R. Sunday, Ph.D.
Mildred Hope Witkin, Ph.D.

Instructor Rank

Thomas Houpt, Ph.D.

Other

Paul Bunten
Shaw D. Kinsley, M.S.

Department of Radiology

Professorial Rank

Harry L. Stein, M.D.
Plinio Rossi, M.D.
Jack L. Westcott, M.D.

Associate Professorial Rank

Yong Ho Auh, M.D.
Patrick T. Cahill, Ph.D.
Daniel G. Gomez, Ph.D.
Mark E. Peterson, D.V.M.
Julius Smith, M.B.B.Ch.

Assistant Professorial Rank

Jing Gao, M.D.
William B. Goldstein, M.D.
Douglas E. Hertford, M.D.
Morton Jacobs, M.D.
Louis D. Neistadt, M.D.
Leslie A. Saint Louis, M.D.
Kenneth Zirinsky, M.D.

Department of Surgery

Professorial Rank

H. Leon Bradlow, Ph.D.
M. Michael Eisenberg, M.D.
Norman Johanson, M.D.
James A. Nicholas, M.D.
G. Tom Shires, M.D.
Lisa Staiano-Coico, Ph.D.*
George Y. Wong, Ph.D.

Associate Professorial Rank

Foster Betts, Ph.D.
Steven E. Calvano, Ph.D.
Delia Gorga, Ph.D.
Stuart L. Scheiner, M.D.
Nitin T. Telang, Ph.D.

Assistant Professorial Rank

George J. Beraka, M.D.
Paul F. Fondacaro, M.D.
Robert Joseph Hariri, M.D.
Alan D. Heymann, M.D.
Kathryn Ko, M.D.
James N. Leonard, Ph.D.
Charles P. Martucci, Ph.D.
Norman S. Roome, M.D.
Norman H. Schulman, M.D.
Norman Sohn, M.D.
Raj Kumar Tiwari, Ph.D.

Instructor Rank

Lily Chen, M.D.
Carroll Boutell Lesesne, M.D.
Mark F.X. O'Neill, M.D.

Department of Urology

Associate Professorial Rank

Wolfgang K. Aulitzky, M.D.
Diane Felsen, Ph.D.

CUMC faculty whose appointments are in the Medical College and not in a department:

C. Everett Koop, M.D., Sc.D.
Visiting Scholar

Fred Plum, M.D.*
University Professor

Cornell University Medical College — Basic Science Departments

Department of Biochemistry

Chairman
Frederick R. Maxfield, Ph.D.

Professorial Rank

Esther M.G. Breslow, Ph.D.*
Arthur J.L. Cooper, Ph.D.*
Owen W. Griffith, Ph.D.
Rudy H. Haschemeyer, Ph.D.*
Sidney Udenfriend, Ph.D.

Associate Professorial Rank

Mary E. Anderson, Ph.D.*
Gordon F. Fairclough Jr., Ph.D.*
Jerald D. Gass, Ph.D.
Helena Gilder, M.D.
Hugh D. Robertson, Ph.D.*
Suresh S. Tate, Ph.D.*
Daniel Wellner, Ph.D.*

Department of Cell Biology and Anatomy

Chairman
Donald A. Fischman, M.D.*

Professorial Rank

Rosemary Bachvarova, Ph.D.*
Dana C. Brooks, M.D.*
Moses V. Chao, Ph.D.*
Wilbur D. Hagamen, M.D.
Enrique J. Rodriguez-Boulan, M.D.*
Paula Traktman, Ph.D.*

Associate Professorial Rank

Anthony M.C. Brown, Ph.D.*
Fakhry G. Girgis, M.D., Ph.D.
Martin D. Hamburg, Ph.D.
Joel D. Pardee, Ph.D.
Fernando C. Reinach, Ph.D.
John C. Weber, D.D.S.

Assistant Professorial Rank

Patrick J. Brennwald, Ph.D.*
Michael A. Caudy, Ph.D.*
Michelle Fuortes, Ph.D.
Takashi Mikawa, Ph.D.*
Estomih Mtui, M.D.

Instructor Rank

Ayyappan Rajasekaran, Ph.D.

Department of Microbiology

Chairman
Kenneth I. Berns, M.D., Ph.D.*

Professorial Rank

Francis Barany, Ph.D.*
Erik S. Falck-Pedersen, Ph.D.*
William K. Holloman, Ph.D.
Michael E. O'Donnell, Ph.D.*

Assistant Professorial Rank

Neil R. Hackett, Ph.D.*
Davise Larone, Ph.D.
Neal Lue, M.D., Ph.D.
Mertyn Malkinson, D.V.M., Ph.D.

Department of Pathology

Chairman
Daniel M. Knowles, M.D.

Professorial Rank

Paolo Casali, M.D.*
Patrick J. Fitzgerald, M.D.
David P. Hajjar, Ph.D.*
Charles S. Hirsch, M.D.
Harry L. Ioachim, M.D.
Leslie H. Sobin, M.D.

Associate Professorial Rank

Domenick J. Falcone, Ph.D.
David D. Myers, D.V.M., Ph.D.
Hai Thank Nguyen, V.M.D.
Fred W. Quimby, D.V.M., Ph.D.
Maria Shevchuk, M.D.
Suzanne L. Stensaas, Ph.D.
John A. Terzakis, M.D.

Assistant Professorial Rank

James B. Amberson, M.D.
Quintus Chess, M.D.
Moacyr M. DaSilva, M.D.
Virginia M. Donovan, M.D.
Patricia M. Fishman, M.D.
Christine L. Honig, M.D.
Rosemary Kraemer, Ph.D.
Andrew C. Nicholson, D.V.M., Ph.D.
Shirley H. Smith, M.D.

Department of Pharmacology

Chairman
Lorraine J. Gudas, Ph.D.*

Professorial Rank

Barry A. Berkowitz, Ph.D.
Walter W.Y. Chan, Ph.D.*
Charles E. Inturrisi, Ph.D.*
Roberto Levi, M.D.*
Michiko Okamoto, Ph.D.*
Arleen B. Rifkind, M.D.*
Sheldon J. Segal, Ph.D.
Hazel H Szeto, M.D., Ph.D.*

Associate Professorial Rank

Steven S. Gross, Ph.D.*

Department of Public Health

Acting Chairman
Robert B. Millman, M.D.

Professorial Rank

Gilbert J Botvin, Ph.D *
Madelon L. Finkel, Ph.D.
Eli Ginzberg, Ph.D.
Pascal J. Imperato, M.D., M.P.H.
Philip Marsden, M.D.
Valerie Mike, Ph.D.
Hirsch S. Ruchlin, Ph.D.*
Victor W. Sidel, M.D.

Associate Professorial Rank

Linda A. Dusenbury, Ph.D.

Graduate School of Medical Sciences

Additional Faculty

George S. Alexopoulos, M.D.
Harriet D. Baker, Ph.D.
Robert Benezra, Ph.D.
Joseph Bertino, M.D.
Peter Besmer, Ph.D.
Thomas J. Blanck, M.D., Ph.D.
Ronald G. Blasberg, M D.
John P. Blass, M.D., Ph.D.
Carl P. Blobel, M.D., Ph.D.
Mitchell J. Blutt, M.D.
Adele L. Boskey, Ph.D.
Dana H Bovbjerg, Ph.D.
Mark A. Callahan, M.D.
Raju S.K. Chaganti, Ph.D.
Mary E. Charlson, M.D.
Lucio Luzzatto, M.D.
Peter MacLeish, Ph.D
Carol Mancuso, M.D
Kenneth Marians, Ph.D.
Paul Marks, M.D.
Joan Massagué, D. Farm.
John Mendelsohn, M.D.
Malcolm A.S. Moore, D. Phil.
Henry W. Murray, M.D.
Ralph L. Nachman, M.D.
Carl F Nathan, M.D.
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In Memoriam

In 1995 and 1996, the Medical Center paid final respects to several individuals whose keen intelligence and generosity of spirit are legacies cherished by their colleagues, students, and patients alike.

Anne Belcher, M.D., a CUMC alumna and noted otorhinolaryngologist who mentored generations of ENT residents and whose private practice on the East Side of Manhattan spanned 68 years (1924–1992);

Fritz F. Fuchs, M.D., Professor Emeritus and former Chairman of Obstetrics and Gynecology from 1965 to 1978, who introduced laparoscopy into gynecological practice in the United States and amniocentesis for detecting genetic disorders;

Helen Singer Kaplan, M.D., Clinical Professor of Psychiatry and founder of New York-Cornell's preeminent human sexuality program — the first in the nation to be established under the auspices of a U.S. medical school;

Alton Meister, M.D., Chairman and Israel Rogosin Professor of Biochemistry for 25 years, whose research into glutathione broadened science's understanding of the immune system and advanced AIDS research;

John T. Patten, M.D., a child psychiatrist and family therapist who was Medical Director of the AIDS Project of the Ackerman Institute for Family Therapy and on the faculty of the family-therapy training program at CUMC;

Roland E. Schneckloth, M.D., former Associate Dean for Research and Sponsored Programs at the Medical College from 1973 to 1981;

Laurence B. Senterfit, Sc.D., Professor of Pathology, Professor of Microbiology, Director of the Laboratory of Microbiology at The New York Hospital, and member of the Medical Center staff for 25 years;

Roy C. Swan, M.D., the former Joseph P. Hinsey Professor of Anatomy and Chairman of the Department of Anatomy for 18 years, from 1959 to 1977, who was honored with CUMC's Distinguished Alumni Award in 1995;

David D. Thompson, M.D., former Director of The New York Hospital from 1967 until 1987, whose tenure included considerable capital expansion, development of the city's first advanced burn unit, new centers for the care of premature infants and dialysis, and a pronounced shift from inpatient treatment to ambulatory care;

Alphonse E. Timpanelli, M.D., a Professor Emeritus of Medicine who had the distinction of being the longest-serving member of the admissions committee of CUMC.

We also mourn the loss of:

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Thyrea. Marble votive relief to Asclepios. National Museum, Athens.

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